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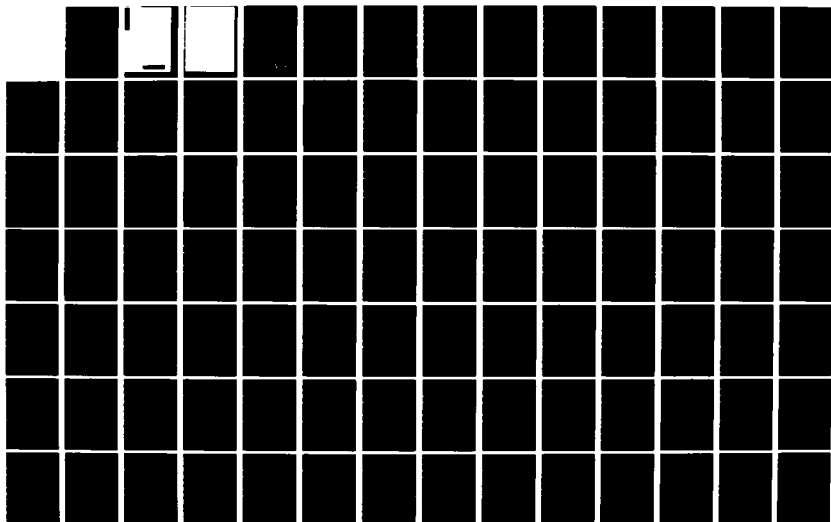
FIELD ARTILLERY REFERENCE DATA(U) ARMY FIELD ARTILLERY
SCHOOL FORT SILL OK JAN 80 SBI-AD-F400 002

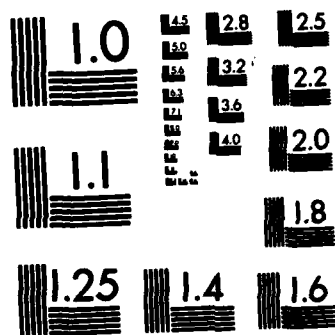
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NATIONAL BUREAU OF STANDARDS-1963-A

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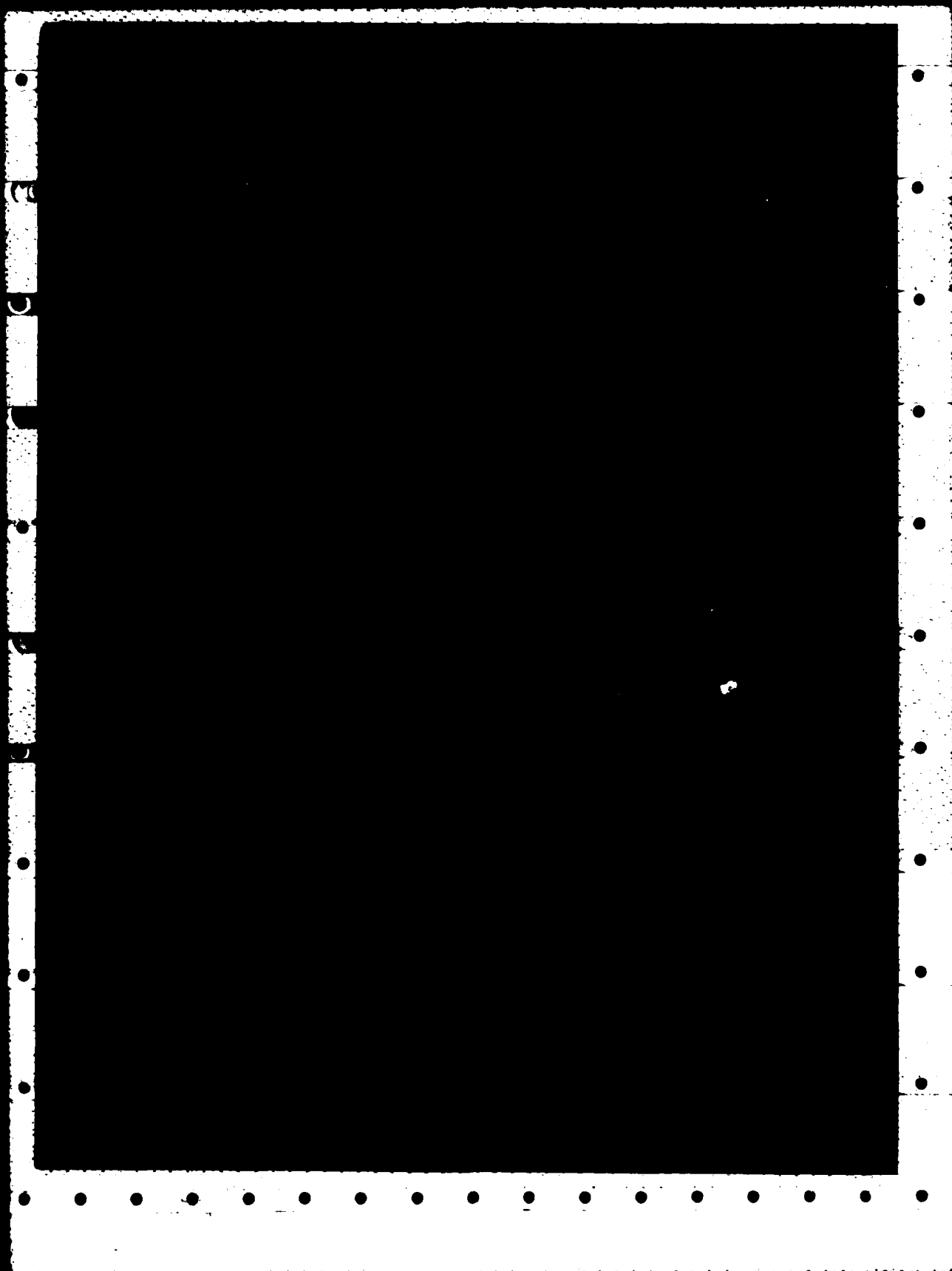


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TABLES

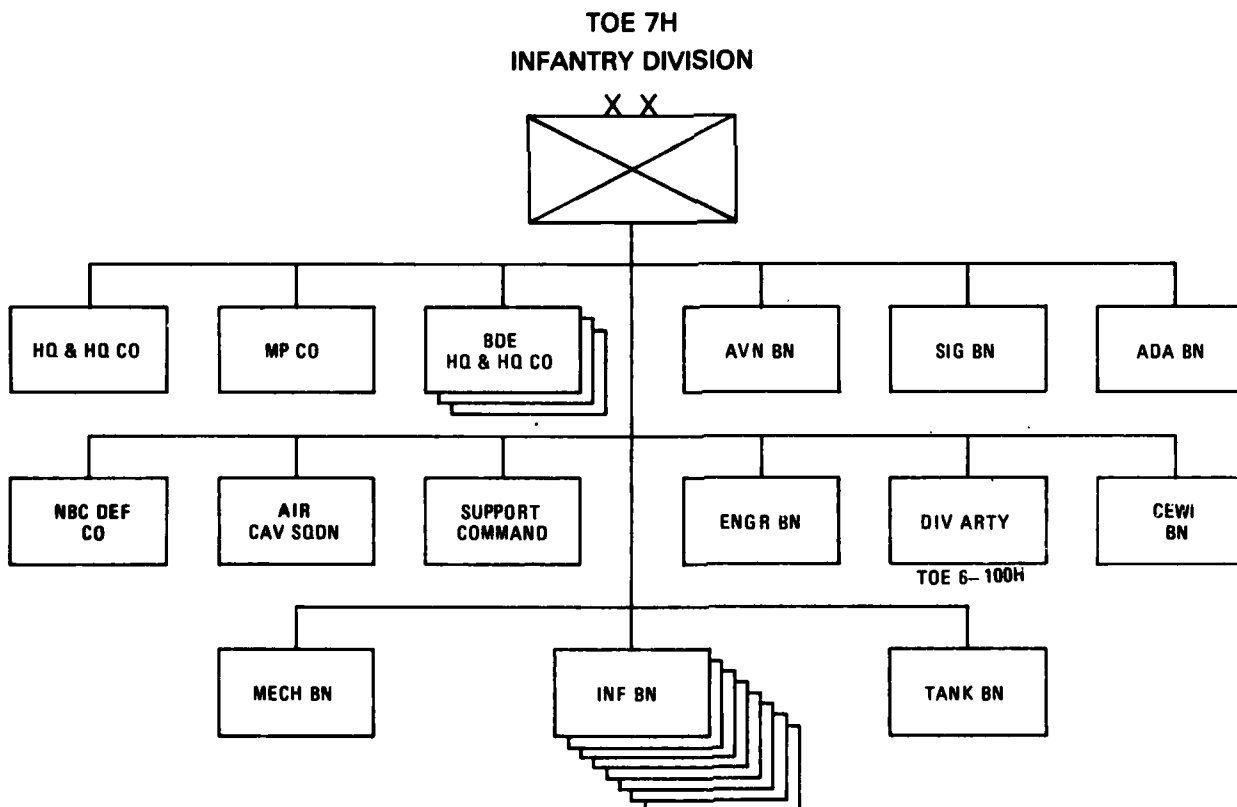
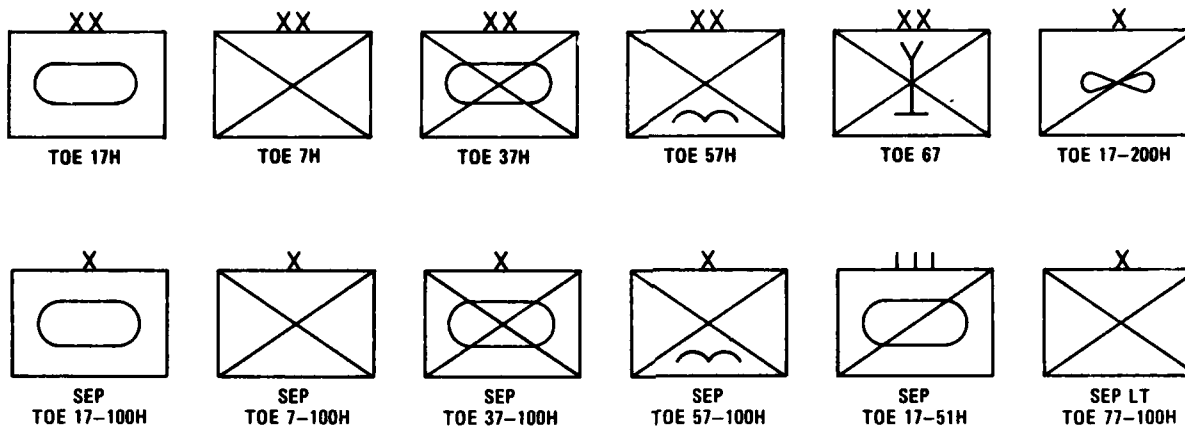
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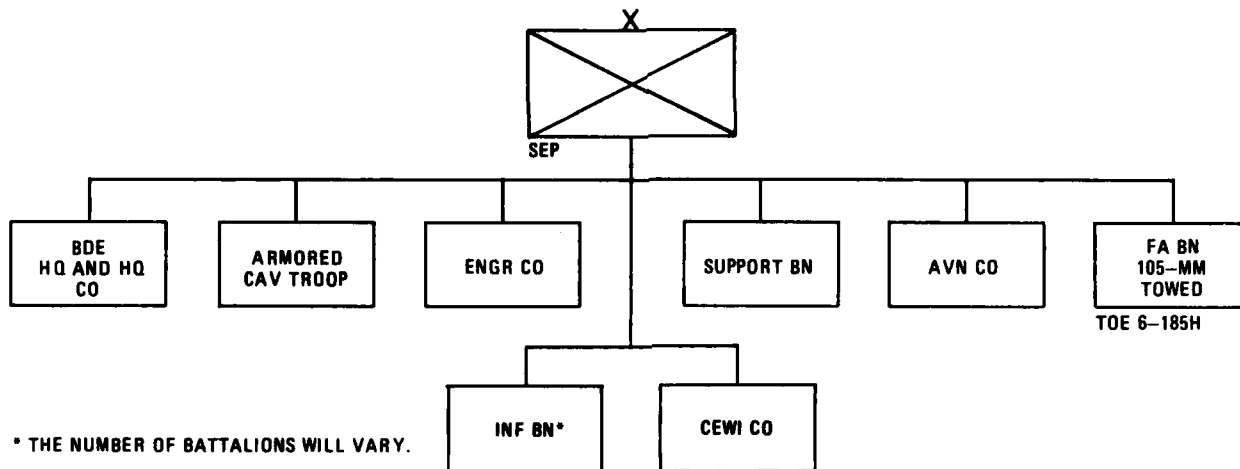


CHAPTER 1

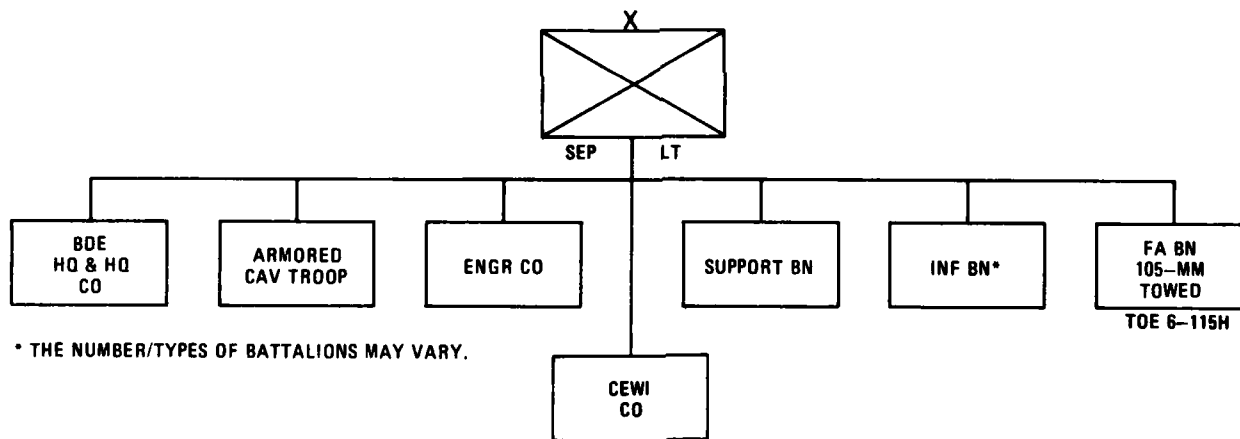
SUPPORTED COMBAT ELEMENTS



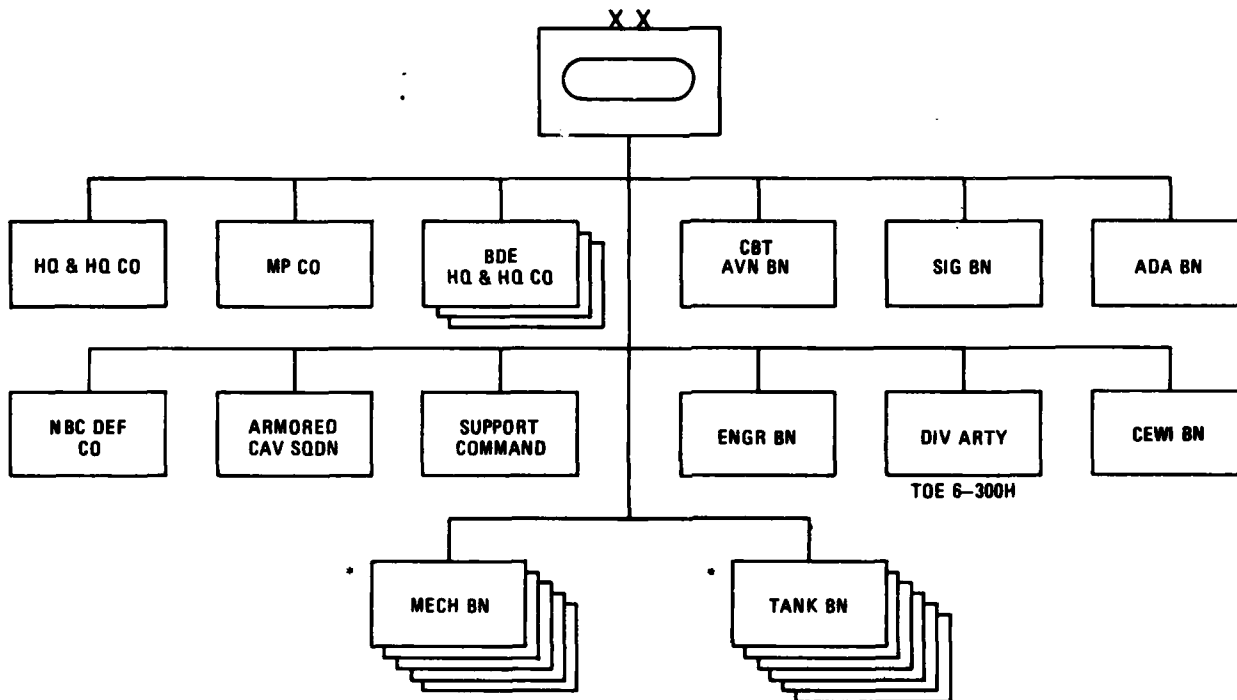
**TOE 7-100H
SEPARATE INFANTRY BRIGADE**



**TOE 77-100H
SEPARATE LIGHT INFANTRY BRIGADE**

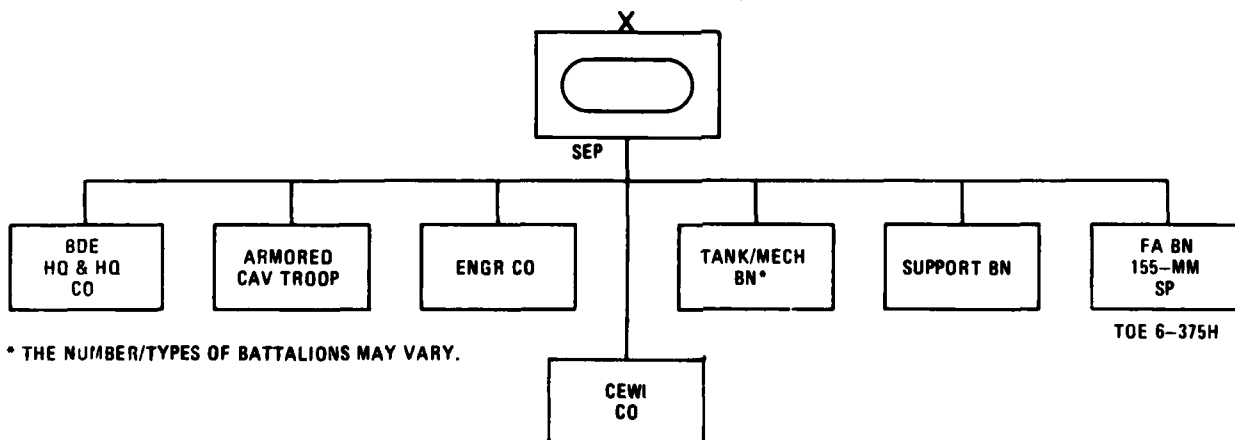


**TOE 17H
ARMORED DIVISION**



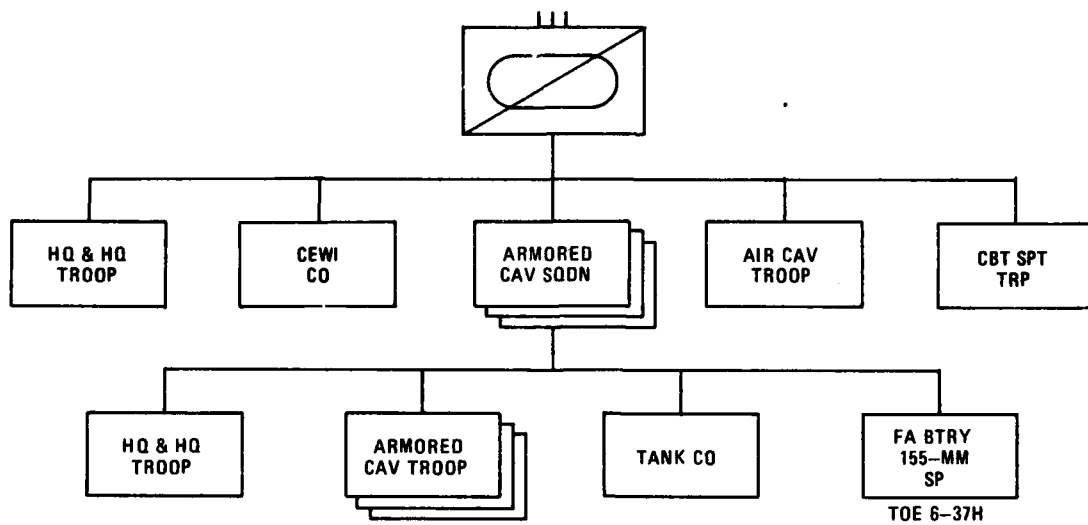
* THE NUMBER AND TYPES OF BATTALIONS MAY VARY.

**TOE 17-100H
SEPARATE ARMORED BRIGADE**

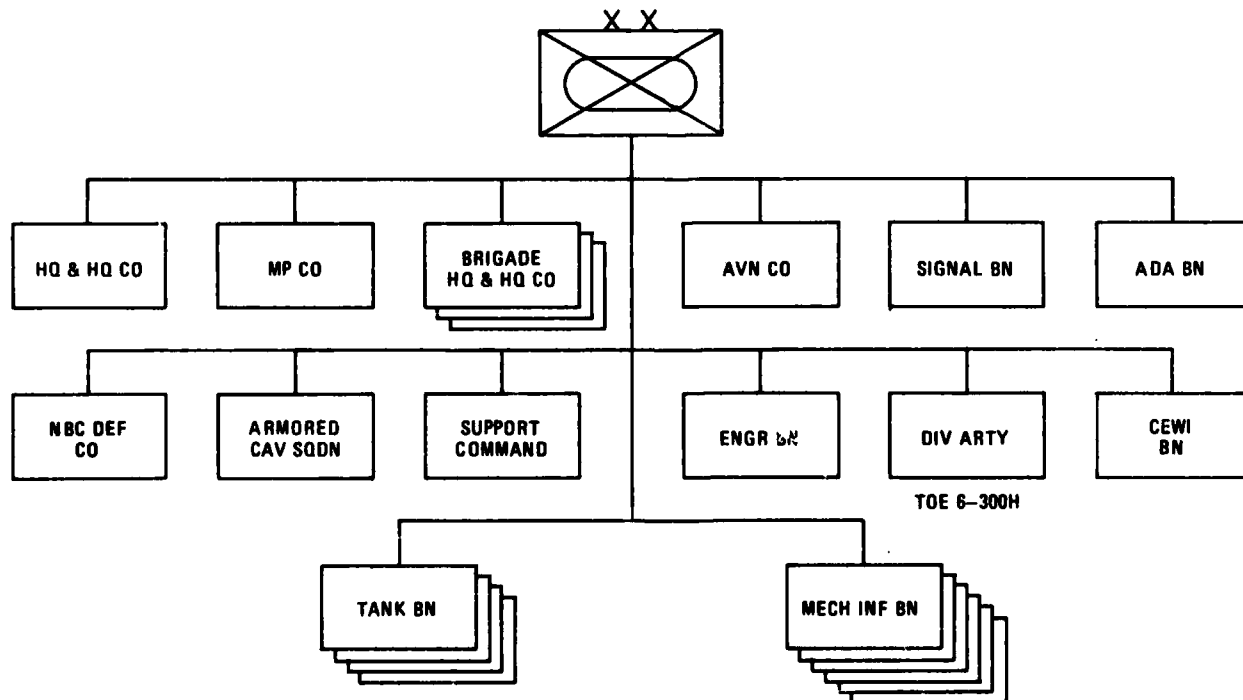


* THE NUMBER/TYPES OF BATTALIONS MAY VARY.

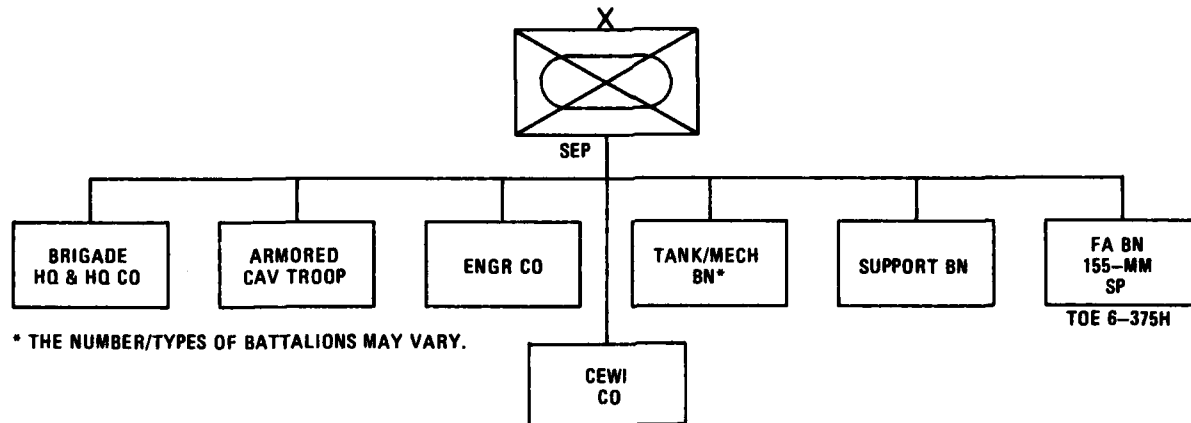
TOE 17-51H
ARMORED CAVALRY REGIMENT



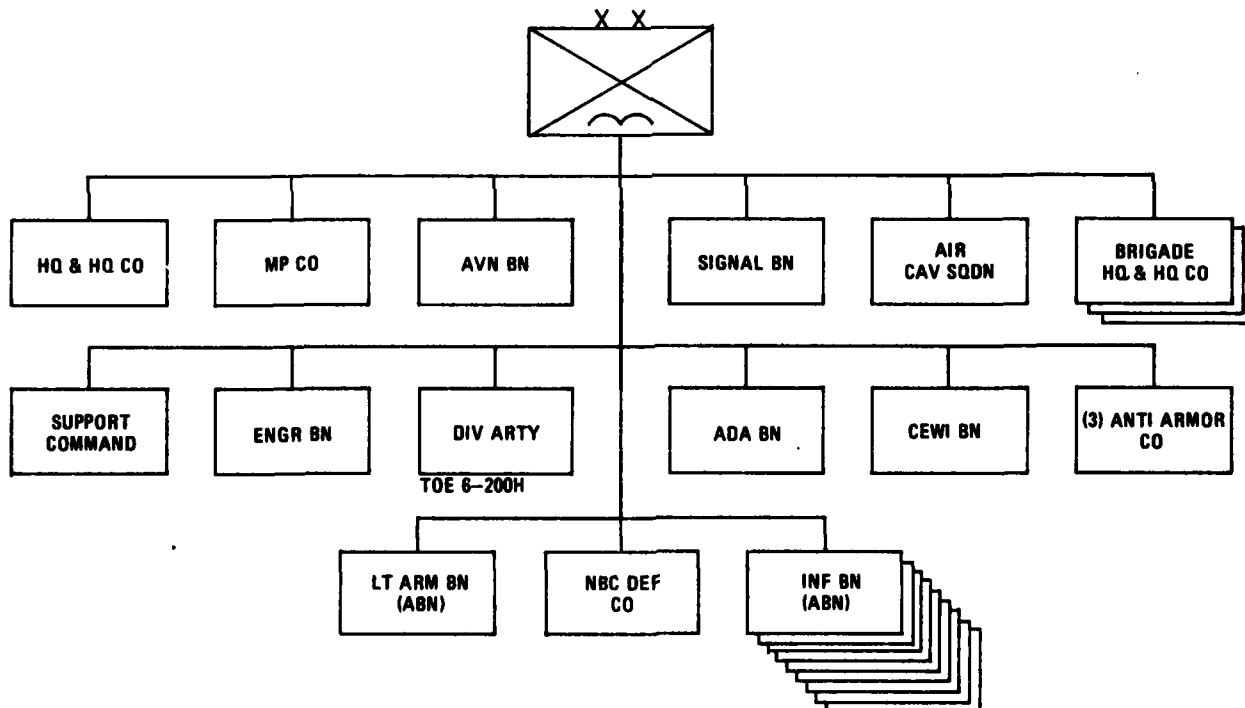
TOE 37H
MECHANIZED DIVISION



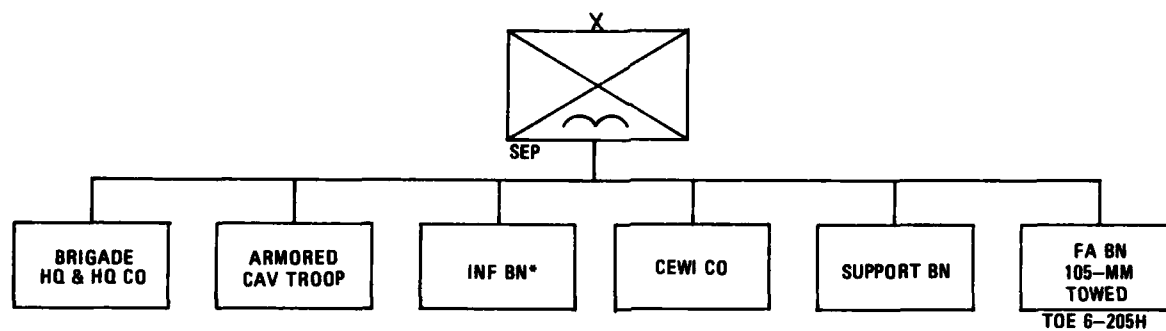
TOE 37-100
SEPARATE MECHANIZED BRIGADE



TOE 57H
AIRBORNE DIVISION

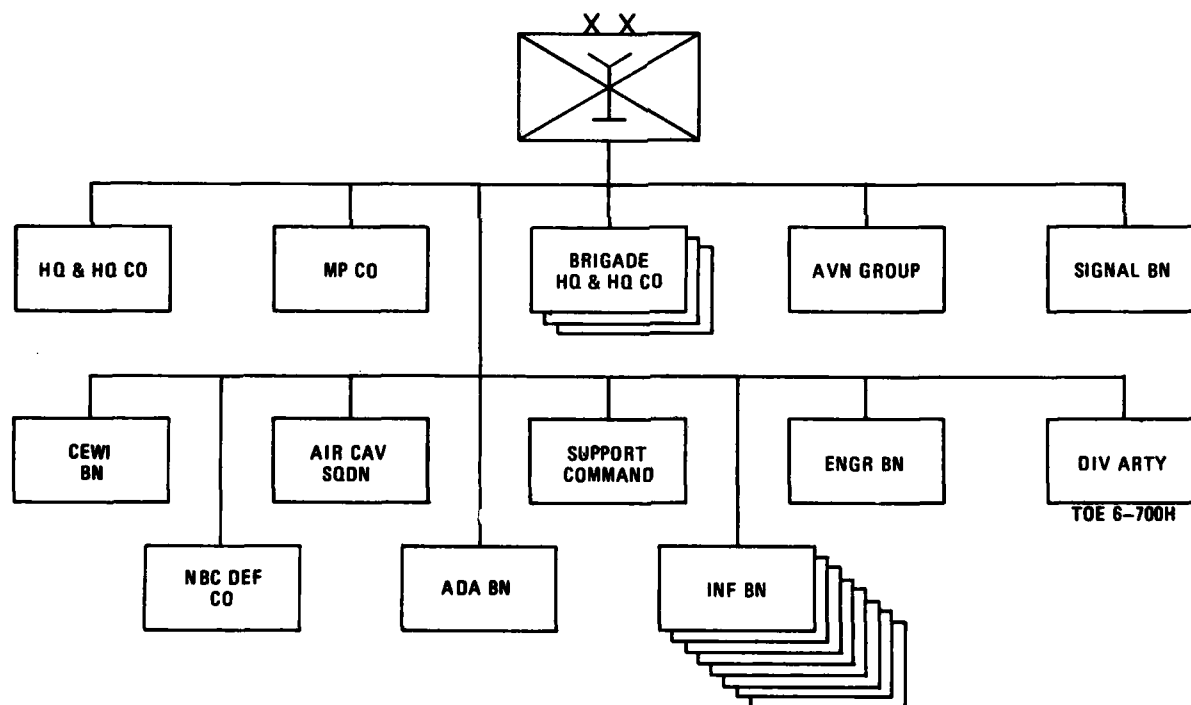


TOE 57-100H
SEPARATE AIRBORNE BRIGADE

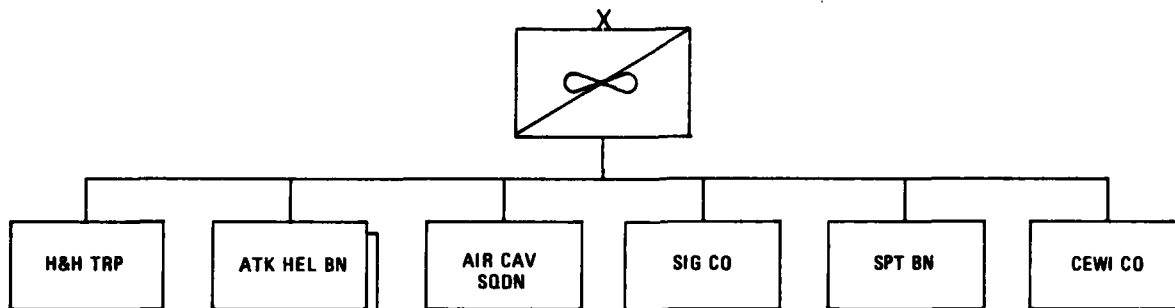


*THE NUMBER/TYPE OF BATTALIONS MAY VARY.

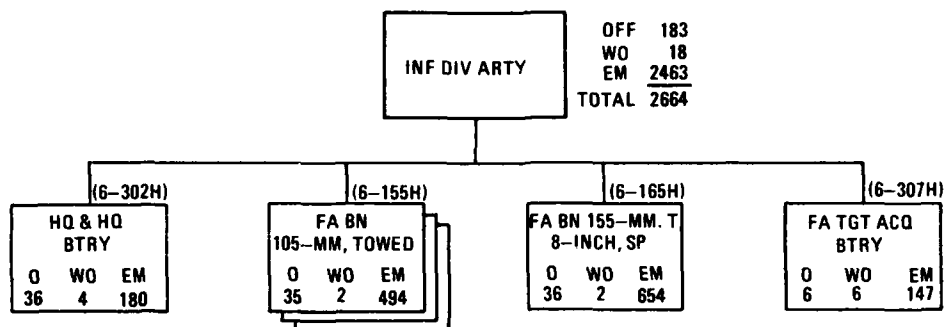
TOE 67H
AIRMObILE (AIR ASSAULT) DIVISION



TOE 17-200H
AIR CAVALRY COMBAT BRIGADE
(ACCB)

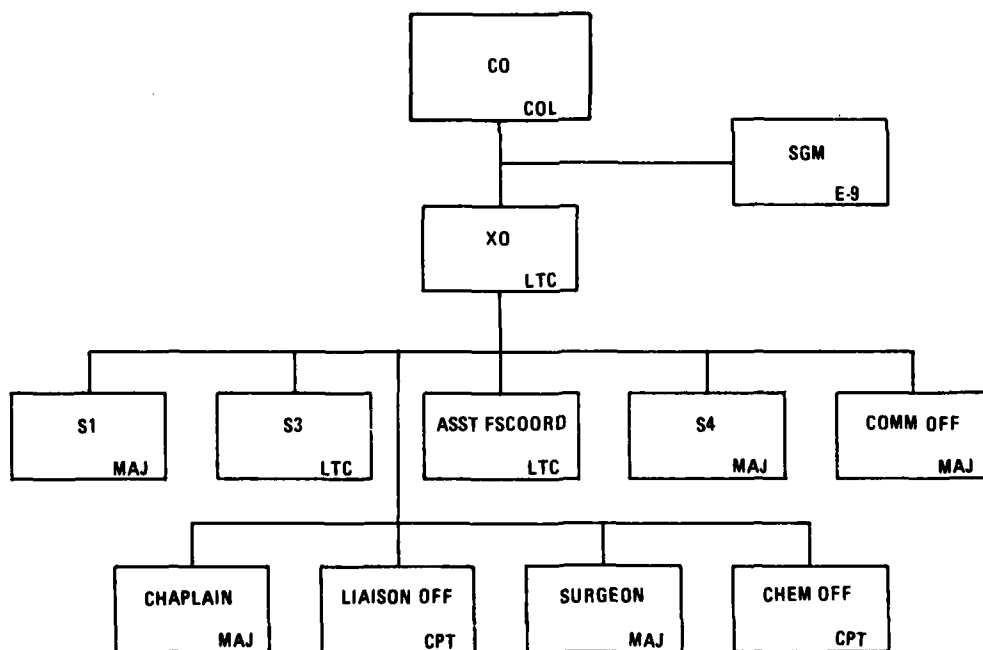


CHAPTER 2 **FIELD ARTILLERY ORGANIC TO INFANTRY ELEMENTS** **TOE 6-100H**

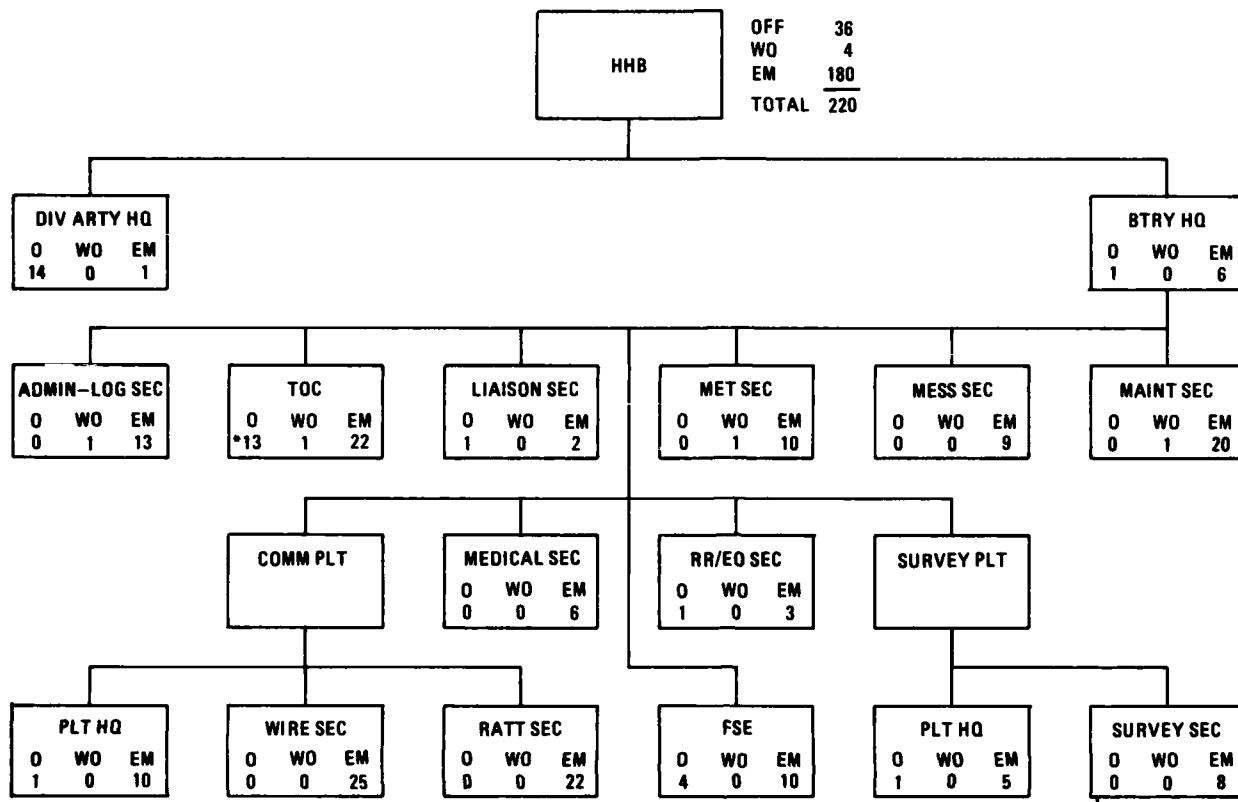


STAFF (TOE 6-302H)

HEADQUARTERS, HEADQUARTERS BATTERY, DIVISION ARTILLERY,
 ARMORED/INFANTRY/MECHANIZED DIVISIONS



TOE 6-302H
HEADQUARTERS, HEADQUARTERS BATTERY, DIVISION ARTILLERY,
ARMORED/INFANTRY/MECHANIZED DIVISIONS



*8 ARE AIR OBSERVERS; 1 IS MI (CPT)

TOE 6-302H

HQ DIVARTY

Personnel

1 06 DIVARTY CMDR
1 05 XO
1 05 AFSCOORD
1 05 S3
1 04 Asst S3
1 04 Chaplain
1 04 C-E Stf Off
1 04 S1
1 04 S4
1 04 Surgeon
1 03 Chaplain
1 03 Chem Off
1 E9 CSM

BTRY HQ

Personnel

1 03 RC
1 E8 1st Sgt
1 E6 Supply Sgt
1 E5 Unit Clk
1 E4 Armorer
1 E4 Gen Supplyman
1 E3 Lt Veh Driver

Equipment

1 Alarm CML (for 1/4T trk)
1 Alarm CML (for 2 1/2T)
212 Bayonet
6 Binocular
1 Cabinet tool/sp parts 35 1/2H
10 Camouflage screen sys
10 Camouflage screen spt sys
3 Charger radiac detector
6 Compass mag
1 Instal kit MK 1234
1 Lchr gren 40mm
4 Lchr Rkt Practice M190
1 MG 7.62mm w/tripod
210 Mask CBR
14 Night vision goggles PVS-5
5 Night vision sight PVS-4
22 Pistol cal 45
1 Radiac set
6 Radiacmeter IM-93
1 Radiacmeter IM-174
1 Radio set GRC-160
1 Radio set Control gp GRA-39
194 Rifle 5.56mm
2 Tel set TA-312
1 Tool kit carpenters
1 Tool kit sml arms repair
1 Tlr 1 1/2T
1 Trk 2 1/2T
1 Trk 1/4T
39 Watch wrist

ADMIN-LOG SECTION

Personnel

1 WO Food Svc Tech

1 E8 Food Svc Supvsr
1 E8 Sr Reenlist NCO
1 E7 Pers Stf NCO
1 E5 Legal Clerk
1 E5 Sr Chapel Act Spec
1 E5 Journalist
2 E4 Clk Typist
2 E3 Lt Veh Driver
2 E4 Chapel Act Sp
1 E3 Chapel Act SP

Equipment

12 Bayonet
2 Binocular
2 Cable tel (1/4 mi)
16 Camouflage screen sys
16 Camouflage screen spt sys
2 Chest hymn book
2 Compass mag
1 Duplicating mach stencil
2 Instal kit MK 1306
1 Instal kit MK 1554
12 Mask CBR
1 Pwr sup assy veh
2 Radio set VRC-47
2 Radio set control gp AN/GRA-39
2 Reeling mach RL-39
12 Rifle 5.56mm
1 Speech sec equip KY-38
5 Tel set TA-312
2 Tlr 1/4T
1 Tlr 3/4T
1 Trk 1 1/4T
4 Trk 1/4T

TOC

Personnel

2 04 Ops Duty Off
1 03 Intel Off
1 03 Counterfire Duty Off
8 Lt Air Observer
1 E9 Ops Sgt
1 E8 Intel Sgt
1 E7 FC NCO
1 E7 TF Comp Opr
1 E7 NBC OPNS/Staff NCO
1 WO Sys Rpr Tech
2 E5 TF Equip SP
2 E4 TF OP SP
2 E3 TF OP SP
1 E6 Sr Intel Analyst
2 E5 Intel Analyst
2 E5 Sr Chron Opr
1 E4 Chron Opr
1 E4 Clk Typist
1 E4 Radio Opr
3 E4 Ops Sp
1 E3 Radio Opr
1 Lt Asst CML Off

Equipment

1 Alarm CML
1 Antenna AT-984

7 Antenna AT-292
6 Cable tel (1/4 mi)
2 Cond fld wire
18 Camouflage screen sys
18 Camouflage screen spt sys
2 Code changer key KYK-28
1 Duplicating mach spirit
1 Duplicating mach stencil
1 FDC arty
2 FD set arty
2 Generator .5kw 400 Hz
2 Generator 1.5kw 60 Hz
2 Generator 1.5kw (DC)
1 Generator 3kw
5 Instal kit MK 1443
1 Instal kit MK 1234
1 Instal kit MK 1429
1 Instal kit MK 1552
3 Instal kit MK 1553
2 Light set gen illum
1 MG 7.62mm w/tripod
5 Msg device digital
8 Mask CBR prot acft
1 Plotting set arty fire cont
4 Pwr sup assy veh
2 Radar chron set
1 Radio set GRC-106
8 Radio set VRC-46
5 Radio set control gp GRA-39
5 Reeling mach RL-39
4 Speech sec equip KY-38
1 Splicing kit tel
2 Switchboard SB-22
9 Tel set TA-312
2 Tlr 1/4T
2 Tlr 1 1/2T
3 Trk 1/4T
3 Trk van 5T exp
1 Elec key gen
1 Msg entry device
1 Rec/trans control gp
6 Tape trans cartridge
1 Tool kit FD arty
1 Tool kit FD sys arty
4 Trk 5T
1 Instal kit elec equip
2 Pwr plant elec

FSE

Personnel

1 04 AFSCOORD
1 04 FA Intel Off
2 03 Target Analyst
1 E8 Ops Sgt
1 E8 Intel Sgt
1 E7 FS Sgt
1 E6 Asst FS Sgt
1 E5 RAD TT Ops Tm Ch
1 E4 Clk Typist
1 E4 RATT Opr
2 E4 FS SP
1 E3 Rad TT Opr

Equipment

- 1 Accy kit MK 1326
- 1 Antenna RC-292
- 1 Antenna AT-984
- 2 Cable tel (1/4 mi)
- 7 Camouflage screen sys
- 1 Carrier CP
- 7 Camouflage screen spt sys
- 1 Drafting equip set
- 1 Elec TT sec equip (KW-7)
- 1 FD set arty
- 1 Generator 5 kw
- 1 Instal kit MK 1531
- 1 Plotting set arty fire control
- 1 Pwr sup assy veh
- 2 Radio set VRC-46
- 1 Radio set control gp GRA-39
- 1 Radio TT set GRC-142
- 2 Reeling mach RL-39
- 1 Speech sec equip KY-38
- 2 Tel set TA-312
- 1 Tlr 1 1/2T
- 1 1 1/4T
- 1 Trk van expansible 5T
- 1 Elec key gen
- 1 Gen set 10KW
- 1 Gen set 1.5KW
- 2 Headset micro
- 1 Instal kit MK 1443
- 2 MSC entry devices, VF
- 2 Tool kit FD arty remote
- 1 Instal kit elec equip

SURVEY PLT HQ**Personnel**

- 1 03 Plt Cmdr
- 1 E7 Plt Sgt
- 2 E5 Survey Comp
- 1 E4 Sr Topo Instr Repairman
- 1 E3 Lt Veh Driver

Equipment

- 1 Anal photo positioning system
- 1 Binocular
- 1 Cable tel (1/4 mi)
- 7 Camouflage screen sys
- 7 Camouflage screen spt sys
- 1 Compass mag
- 1 Comp gun direction
- 1 FD set arty
- 1 Generator 1.5 kw
- 2 Generator 3 kw
- 1 Instal kit MK 1817
- 2 Plotting set arty
- 2 Radiacmeter IM-93
- 1 Radicameter IM-174
- 1 Radio set VRC-46
- 1 Radio set control gp GRA-39
- 1 Reeling mach RL-39
- 1 Repair kit surveying instr
- 1 Reproducer Sig data
- 2 Tel set TA-312
- 1 Teletypewriter TT-537

- 1 Test set comp logic unit
- 2 Tlr 3/4T
- 1 Trk 1 1/4T
- 1 Trk 1 1/4T w/60 amp comm kit
- 1 Watch wrist

(2) SURVEY SECTIONS**Personnel**

- 2 E6 Sec Ch
- 2 E5 Survey Comp
- 2 E5 Survey Comp/Recorder
- 6 E4 Instrument Opr
- 4 E4 Survey Recorder

Equipment

- 1 Antenna RC-292
- 16 Bayonet
- 4 Binocular
- 9 Camouflage screen sys
- 9 Camouflage screen spt sys
- 1 Charger Btry
- 4 Compass mag
- 1 Instal kit MK 1234
- 4 Instal kit MK 1246
- 2 Lchr gren 40mm
- 2 MG 7.62mm w/tripod
- 4 Radio set GRC-160
- 2 Radio Set PRC-77
- 1 Radio set VRC-46
- 2 Surveying instr az gyro
- 6 Surveying instr DME
- 2 Surveying set arty fire control
- 4th order
- 6 Theodolite survey
- 4 Trk 1 1/4T
- 1 Trk 1/4T
- 1 Watch wrist

MET SECTION**Personnel**

- 1 WO Met Tech
- 1 E7 Met Sec Ch
- 1 E6 FA Met Crewman
- 2 E5 FA Met Crewman
- 3 E4 FA Met Crewman
- 3 E3 FA Met Crewman

Equipment

- 1 Antenna RC-292
- 1 Barometer
- 1 Binocular
- 1 Cable tel (1/4 mi)
- 1 Calibrator freq
- 11 Camouflage screen sys
- 11 Camouflage screen spt sys
- 1 Compass mag
- 1 Generator 5 kw
- 1 Instal kit
- 1 MG 7.62mm w/tripod
- 1 Multimeter
- 1 Radio set AN/VRC-46
- 1 Radio set control gp GRA-39
- 1 Radiosonde baseline

- 1 Rawin set
- 1 Recording set weather data
- 1 Reeling mach RL-39
- 1 Tel set TA-312
- 1 Test set elec tube
- 1 Tool kit elec equip
- 1 Tlr 1 1/2T
- 1 Tlr tank water
- 1 Trk 1 1/4T
- 2 Trk 2 1/2T

LIAISON SECTION**Personnel**

- 1 03 LO
- 1 E6 Ln Sgt
- 1 E4 Ln Sp

Equipment

- 1 Antenna RC-292
- 3 Cable tel (1/4 mi)
- 2 Camouflage screen sys
- 2 Camouflage screen spt sys
- 1 Compass mag
- 1 Elec key gen
- 1 Generator 1.5 kw
- 1 Headset micro
- 1 Instal kit MK 1246
- 1 Instal kit MK 1663
- 1 Msg entry device VF
- 1 Pwr sup assy veh
- 1 Radio set VRC-46
- 1 Radio set control gp GRA-39
- 2 Reeling mach RL-39
- 1 Speech sec equip KY-38
- 1 Instal kit elec equip MK 1819
- 1 Tel set TA-312
- 1 Tool kit FD arty remote
- 1 Tlr 3/4T
- 1 Trk 1 1/4T

COMM PLATOON HQ**Personnel**

- 1 Lt Plt Ldr
- 1 E8 Tact Comm Ch
- 1 E3 Veh Driver
- 1 E4 Tele Comm Cen Opr
- 1 E5 Tele Comm Sys Op/Mech
- 1 E3 Tele Com Cen Opr
- 2 E3 Tele Com Sys Op/Mech
- 1 E4 Tac Wire Opns Sp
- 1 E3 Tac Wire Opns Sp
- 1 E4 Sp Elec Device RPR

Equipment

- 11 Antenna RC-292
- 1 Cable tel (1/4 mi)
- 10 Cable tel WF-16/U
- 6 Camouflage screen system
- 6 Camouflage screen spt sys
- 1 Code changer KYK-28
- 1 Detect set mine
- 1 Detect set mine PSS-11

- 2 Elec TT sec equip KW-7
- 1 Generator 1.5 kw
- 1 Instal kit MK 1224
- 1 Instal kit MK 1552
- 1 Instal kit MK 1646
- 1 Inverter vibrator
- 2 Multimeter
- 1 Pwr sup assy
- 2 Radioacmeter IM-93
- 1 Radiacmeter IM-174
- 1 Radio set VRC-49
- 1 Radio set control gp GRA-39
- 1 Reeling mach RL-39
- 1 Speech sec equip KY-38
- 1 Tac digital regen repeater
- 3 Tel set TA-312
- 2 TT set PGC-1
- 2 Terminal TT TCC-29
- 1 Test btry
- 1 Test set elec tube
- 1 Test set radio
- 3 Tool kit elec equip
- 1 Tool kit prec instr
- 1 Tlr ¼T
- 1 Tlr ¾T
- 1 Trk 1¼T
- 1 Trk ¼T

WIRE SECTION

Personnel

- 1 E6 Tact Comm Ch
- 4 E5 Tact Wire Opns Sp
- 15 E3 Tac Wire Opns Sp
- 5 E4 Tac Wire Opns Sp

Equipment

- 4 Axle cable RL-27
- 1 Cable assy tel
- 50 Cable tel RL-159 (1 mi)
- 34 Cable tel 2 cond fld wire
- 9 Camouflage screen sys
- 9 Camouflage screen spt sys
- 8 Coil tel repeating
- 4 MG 7.62mm w/tripod
- 2 Reeling mach RL-207
- 2 Reeling mach RL-31
- 2 Signal assy swbd TA-207/P
- 4 Splicing kit tel
- 2 Switchboard tel SB-86
- 13 Tel set TA-312
- 1 Test set tel
- 3 Trk 1¼T
- 1 Trk 2½T
- 1 Trk ¼T

RATT SECTION

Personnel

- 2 E6 RATT Ops Supvr
- 6 E5 RATT Ops Tm Ch
- 7 E4 RATT Opr
- 7 E3 RATT Opr

Equipment

- 2 Bayonet

- 7 Cable tel (¼ mi)
- 21 Camouflage screen sys
- 21 Camouflage screen spt sys
- 7 Elec TT sec equip KW-7
- 7 Generator 5 kw
- 7 Headset microphone
- 7 RATT set GRC-142
- 7 Reeling mach RL-39
- 7 tel set TA-312
- 1 Terminal TT
- 7 Trk 1¼T

MESS SECTION

Personnel

- 1 E7 Food Svc Sgt
- 1 E6 1st Cook
- 1 E5 Cook
- 3 E4 Cook
- 3 E3 Cook

Equipment

- 1 Accessory outfit fld range
- 6 Camouflage screen sys
- 6 Camouflage screen spt sys
- 13 Heater immersion
- 1 Kitchen fld
- 4 Range outfit fld
- 1 Tel set TA-312
- 1 Tlr Tk water
- 1 Trk 2½T

MAINTENANCE SECTION

Personnel

- 1 WO Auto Maint Tech
- 1 E7 Motor Sgt
- 1 E4 Equip Maint Clk
- 1 E4 Veh Driver
- 1 E4 PLL Clk
- 5 E5 Pwr Gen & Veh Mech
- 6 E4 Pwr Gen & Veh Mech
- 5 E3 Pwr Gen & Veh Mech

Equipment

- 1 Cabinet Tool/Sp parts 35½H
- 10 Camouflage screen sys
- 10 Camouflage screen spt sys
- 1 Comp rcp pwr driven
- 1 Generator 1.5 kw
- 1 Generator 3 kw
- 1 Hoisting unit
- 1 Instal kit
- 1 Lchr gren 40mm
- 1 MG 7.62mm w/tripod
- 1 Multimeter
- 1 Charger btry
- 1 Radio set GRC-160
- 1 Tank/pump unit
- 1 Tel set TA-312
- 1 Shop equip auto maint
- 1 Shop equip auto maint (org suppl)
- 16 Tool kit mech
- 1 Tlr 1½T

- 1 Trk 2½T
- 1 Trk 2½T w/winch
- 1 Trk 5T

MEDICAL SECTION

Personnel

- 1 E6 Sec Sgt
- 1 E5 Medical Aide
- 1 E4 Medical Aide
- 1 E4 Ambulance Driver
- 1 E6 Pract Nurse
- 1 E3 Ambulance Attendant

Equipment

- 1 Blanket set
- 9 Camouflage screen sys
- 9 Camouflage screen spt sys
- 1 Gen set 105KW
- 1 Light set gen
- 10 Mask headwound
- 2 Shelter sys, CBR
- 1 Med equip set Bn aid sta
- 1 Radiac set
- 4 Surgical instr/supply set
- 1 Splint set
- 1 Tel set TA-312
- 1 Tlr ¾T
- 1 Trk amb ¼T
- 1 Trk 1¼T
- 1 Watch wrist

RR/EO SECTION

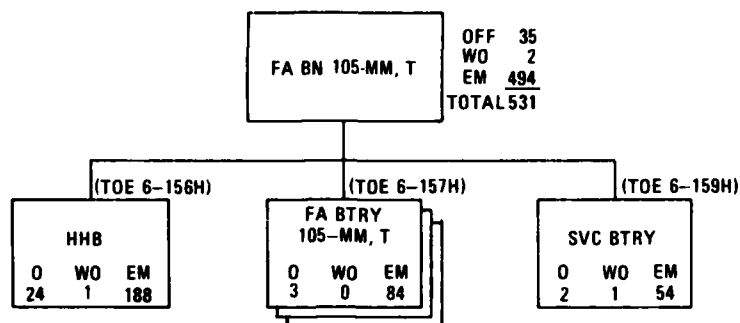
Personnel

- 1 O3 RR/EO Off
- 1 E6 EO NCO
- 1 E5 EO NCO
- 1 E4 Clk Typist

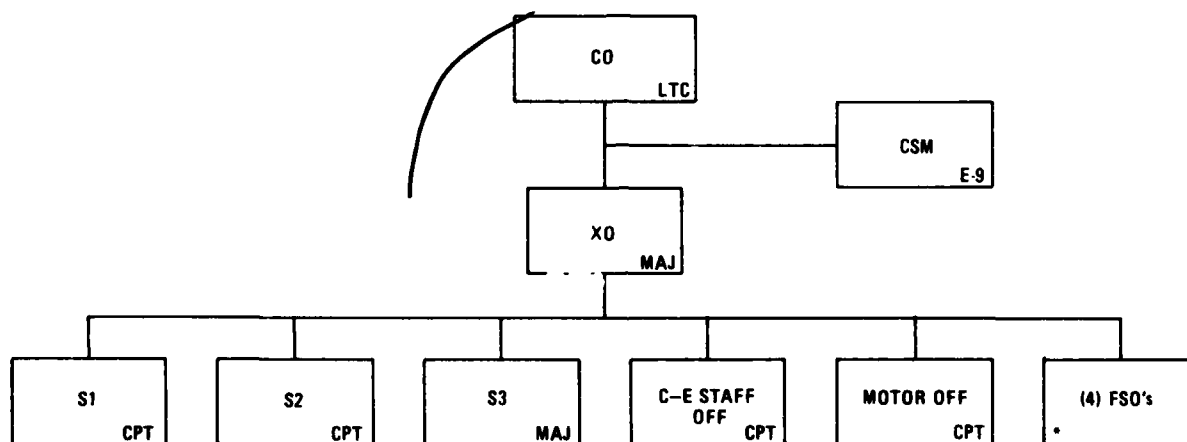
Equipment

NONE

TOE 6-155H
FIELD ARTILLERY BATTALION, 105-MM TOWED, INFANTRY DIVISION



STAFF: (TOE 6-156H)



*1 MAJ; 3 CPT's

TOE 6-155H

MISSION: To provide FA fires in direct support of a maneuver brigade and to reinforce the fires of other FA units.

SUMMARY — MAJOR ITEMS OF EQUIPMENT

TRANSPORTATION

| | |
|--------------------------------|----|
| Trailer, ammo 1 1/2-ton | 16 |
| Trailer, 1/4-ton | 31 |
| Trailer, 3/4-ton | 7 |
| Trailer, 1 1/2-ton | 8 |
| Trailer, tank, water, 400 gal | 5 |
| Truck, ambulance, 1 1/4-ton | 1 |
| Truck, 1/1/4-ton | 18 |
| Truck, 2 1/2-ton, w/winch | 23 |
| Truck, 2 1/2-ton | 29 |
| Truck, 5-ton | 1 |
| Truck, 1/4-ton | 38 |
| Truck, wrecker, 5-ton, w/winch | 1 |

MATERIEL

| | |
|-------------------------------|-----|
| Howitzer, 105-mm, towed | 18 |
| Launcher, grenade, 40-mm | 47 |
| Machinegun, 7.62-mm, w/tripod | 43 |
| Machinegun, cal 50, w/mount | 10 |
| Pisto., cal 45 | 17 |
| Rifle, 5.56-mm | 514 |

GUNNERY

| | |
|----------------------------------|----|
| Aiming circle | 11 |
| Computer, gun direction | 4 |
| Duplicating machine, stencil | 2 |
| FD set, arty | 10 |
| Plotting board, indir fire | 12 |
| Plotting set, arty, fire control | 8 |
| Range finder (laser) | 17 |

TARGET ACQUISITION

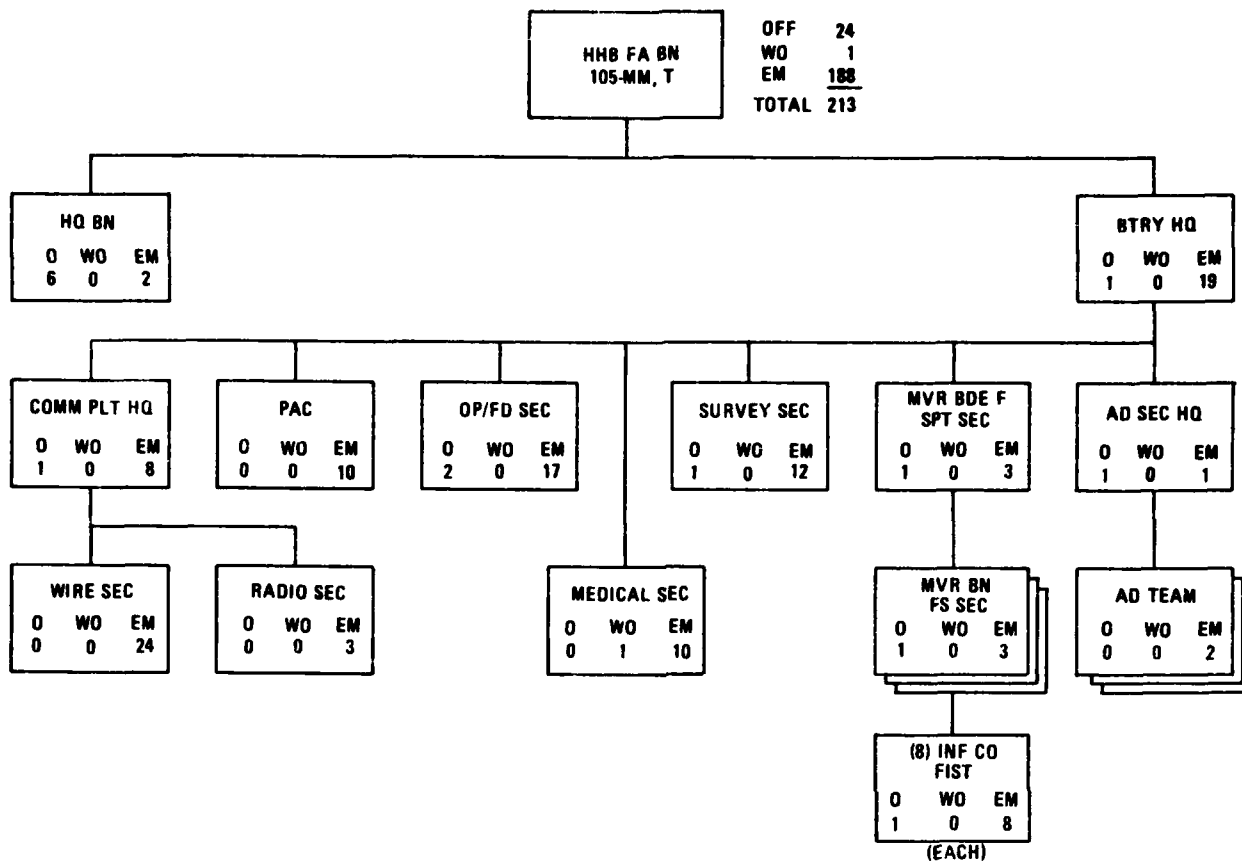
| | |
|--|----|
| Night vision goggles, AN/PVS-5 | 37 |
| Night vision sight, crew served weapons AN/TVS-5 | 8 |
| Night vision sight individual served weapons | 18 |
| Night vision sight tripod mtd | 1 |
| Periscope, BC | 2 |
| Survey instr, az gyro | 2 |
| Survey set, arty, fire control, 4th order | 2 |
| Theodolite survey | 2 |

COMMUNICATIONS

| | |
|-----------------------------------|-----|
| Antenna, AT-984/G | 19 |
| Antenna, RC-292 | 34 |
| Axle, cable, RL-27 | 7 |
| Cable, assembly, tel | 6 |
| Cable, tel, WD-1/TT, 1/4 mi, DR-8 | 175 |
| Cable, tel, WD-1/TT, RL-159, 1 mi | 56 |
| Cable, tel, WD-1 fld wire | 32 |
| Code, changer key KYK-28/TSEC | 9 |
| Coil tel repeating | 12 |

| | |
|--|-----|
| Electronic TT security equip | 1 |
| TSEC/KW-7 | 1 |
| Headset, microphone | 32 |
| Inverter vibrator | 1 |
| Radio set AN/GRC-160 | 19 |
| Radio set AN/PRC-77 | 23 |
| Radio set AN/VRC-46 | 13 |
| Radio set AN/VRC-47 | 20 |
| Radio set AN/VRC-48 | 1 |
| Radio set AN/VRC-49 | 5 |
| Radio set AN/VRC-64 | 2 |
| Radio set control gp AN/GRA-39 | 46 |
| Radio TT set AN/GRC-142 | 1 |
| Reeling machine, cable, hand, RL-31 | 7 |
| Reeling machine, cable, hand, RL-39 | 85 |
| Reeling machine, cable, motor driven, RL-172/G | 4 |
| Reproducer, signal data | 4 |
| Speech security equip, TSEC/KY-38 | 29 |
| Splicing kit, tel, cable | 4 |
| Switchboard, SB-22 | 8 |
| Switchboard, SB-993 | 15 |
| Tactical digital, regenerative repeater portable | 5 |
| Telephone, conn/switching gp MX-155/GT | 3 |
| Telephone set TA-1/PT | 3 |
| Telephone set TA-312/PT | 138 |

TOE 6-156H
HEADQUARTERS & HEADQUARTERS BATTERY, FIELD ARTILLERY BATTALION
105-MM, TOWED, INFANTRY DIVISION



MISSION: To direct and coordinate the operations of the battalion.

TOE 6-156H**BN HQ****Personnel**

1 05 BN CO
1 04 XO
1 04 S3
1 03 C-E Stf Off
1 03 S1
1 02 S2
1 E9 CSM
1 E3 Veh Drvr

Equipment

1 Binocular
1 Camouflage Screen Sys
1 Camouflage Screen Spt Sys
1 Compass Mag
1 Instal Kit MK 1306
1 Instal Kit MK 1554
1 Pwr Sup Assy
1 Radio Set VRC-47
1 Speech Sec Equip KY-38
1 Tlr 1/4T
1 Trk 1/4T

BTRY HQ**Personnel**

1 03 BC
1 E8 1st Sgt
1 E7 Food Svc Sgt
1 E6 Motor Sgt
1 E6 1st Cook
1 E6 Supply Sgt
1 E5 Cook
1 E4 Armorer
1 E4 Equip Maint Clk
2 E4 Cook
1 E3 Lt Veh Drvr
1 E3 Cook
2 E5 Pwr Gen & W Veh Mech
3 E4 Pwr Gen & W Veh Mech
2 E3 Pwr Gen & W Veh Mech
1 E3 Gen Sup SP

Equipment

1 Accessory outfit Fld range
1 Alarm CML
202 Bayonet
1 Cabinet tool/sp parts
1 Cabinet tool/sp parts 35 1/2 H
24 Camouflage screen system
24 Camouflage screen spt system
2 Charger radiac detector
1 Compass mag
1 Compressor rcp pwr driven
10 Heater immersion
1 Instal kit MK 1234
2 Kitchen fld tlr mtd
1 Lchr gren 40mm
4 Lchr Rkt Practice
2 MG cal 50 w/ring mount
2 MG 7.62mm w/tripod

213 Mask CBR
1 Multimeter
6 Night vision goggles PVS-5
3 Night vision sight PVS-4
13 Pistol cal 45
2 Radiacmeter IM-93
1 Radiacmeter IM-174
1 Radio set VRC-64
3 Range outfit fld gasoline
200 Rifle 5.56mm
5 Telephone set TA-312
1 Shop equip auto maint
6 Tool kit mech
1 Tool kit carpenters
1 Tool kit sml arms repair
1 Tlr 1/4T
1 Tlr 1 1/2T
1 Tlr Tk water
2 Trk 2 1/2T
1 Trk 2 1/2T w/winch
1 Trk 1/4T
18 Watch wrist

PAC**Personnel**

1 E7 PAC Supvr
1 E6 Reenlist NCO
1 E6 Pers Stf NCO
1 E5 Legal Clk
1 E5 PAC Clk
1 E4 Clk Typist
1 E4 PAC Clk
1 E3 Lt Veh Drvr
2 E3 PAC Clk

Equipment

1 Binocular
6 Camouflage screen system
6 Camouflage screen spt sys
1 Compass mag
1 Instal kit MK 1629
1 Instal kit MK 1817
1 Pwr supply assy
1 Speech sec equip
1 Radio set VRC-46
2 Tel set TA-312
1 Tlr 3/4T
1 Trk 1 1/4T
1 Duplicating mach stencil

OP-FD SECTION**Personnel**

1 03 FDO
1 Lt Intel Off (BICC)
1 E8 Ops Sgt
1 E8 Intel Sgt
1 E7 Ch FD Comp
1 E6 A Ch FD Comp
1 E6 CML/Stf NCO
1 E5 Intel Anal
4 E5 FD Comp
3 E4 Chart Opr
1 E4 Clk Typist

1 E4 Ops Spec
1 E3 Lt Veh Drvr
1 E4 Tact Wire Opns Sp

Equipment

1 Alarm CML
1 Antenna AT-984
7 Antenna RC-292
2 Binocular
10 Cable tel (1/4 mi)
13 Camouflage screen sys
13 Camouflage screen spt sys
1 Code changer key KYK-28
2 Compass mag
1 Computer gun dir
1 Duplicating mach stencil
4 FD set arty
1 Generator 1.5 kw AC
2 Generator 1.5 kw DC
2 Generator 3 kw
4 Headset micro
1 Instal kit MK 1234
2 Instal Kit
3 Instal kit MK 1246
1 Instal kit MK 1306
1 Instal kit MK 1553
1 Instal kit MK 1554
1 Instal kit MK 1663
1 Light set gen illum
1 Lchr gren 40MM
1 Light set gen illum
3 Plotting bd indirect fire
2 Plotting set arty fire control
4 Power sup assy
7 Radio set VRC-46
1 Radio set VRC-47
7 Radio set control gp GRA-39
4 Speech sec equip KY-38
1 Switchboard SB-22
6 Tel set TA-312
1 Tlr 1/4T
1 Tlr 3/4T
1 Tlr 1 1/2T
1 Trk 1 1/4T
1 Trk 2 1/2T
2 Trk 1/4T

SURVEY SECTION**Personnel**

1 Recon/Survey Off
1 E7 Ch Surveyor
2 E6 Ch Survey Party
2 E5 Survey Comp
2 E4 Survey Comp/Recorder
2 E4 Instrument Opr
2 E3 Rodman/tapeman
1 E3 Lt Veh Drvr

Equipment

2 Aiming circle
4 Binocular
7 Camouflage screen sys
7 Camouflage screen spt sys

- 1 Charger btry
- 4 Compass mag
- 2 Instal kit MK 1246
- 2 Instal kit MK 1234
- 1 Instal kit MK 1307
- 2 Lchr gren 40mm
- 2 MG 7.62mm w/tripod
- 1 Night vision sight TVS-4
- 2 Periscope BC
- 4 Radio set GRC-160
- 1 Radio set VRC-47
- 1 Range finder laser
- 2 Surveying inst az gyro
- 2 Surveying set arty fire cont
- 2 Theodolite survey
- 2 Trk 1/4T
- 3 Trk 1/4T
- 2 Surveying inst infrared
- 1 Watch wrist

COMM PLATOON HQ

Personnel

- 1 Lt Plat Ldr
- 1 E7 Tact Comm Ch
- 1 E3 Veh Drvr
- 1 E5 Tact Comm Sys Op/Mech
- 2 E3 Tact Comm Sys Op/Mech
- 1 E4 Tact Wir Opns Sp
- 1 E3 Tact Wire Opn Sp
- 1 E4 Tact Comm Sys Op/Mech

Equipment

- 2 Antenna RC-292
- 1 Binocular
- 1 Cable (1/4 mi)
- 6 Camouflage screen sys
- 6 Camouflage screen spt sys
- 1 Code changer key KYK-28
- 1 Compass mag
- 1 Detecting set mine
- 1 Detecting set mine PSS-11
- 1 Generator 1.5 kw
- 1 Instal kit MK 1224
- 1 Instal kit MK 1552
- 1 Instal kit MK 1646
- 1 Inverter vibrator
- 1 Lchr gren 40mm
- 1 Multimeter
- 1 Power sup assy
- 2 Radiacmeter IM-93
- 1 Radiacmeter IM-174
- 1 Radio set VRC-49
- 1 Radio set control gp AN/GRA-39
- 1 Reeling mach RL-39
- 1 Reproducer sig data
- 1 Speech sec equip
- 1 Tac digital regen repeater
- 2 Tel set TA-312
- 1 Test battery
- 1 Test set comp logic
- 1 Test set elec tube
- 1 Test set radio
- 1 Test set radio freq pwr
- 3 Tool kit elec equip

- 1 Tlr 1/4T
- 1 Tlr 3/4T
- 1 Trk 1/4T
- 1 Trk 1/4T

WIRE SECTION

Personnel

- 1 E6 Tact Comm Ch
- 4 E5 Tact Wire Opns Tm Ch
- 8 E4 Tac Wire Ops Sp
- 11 E3 Tac Wire Ops Sp

Equipment

- 4 Axle cable reel
- 2 Cable assy tel CX 4566
- 4 Cable assy tel CX 4760
- 35 Cable tel (1 mi)
- 10 Cable tel 2 cond fld wire
- 9 Camouflage screen sys
- 9 Camouflage screen spt sys
- 8 Coil tel repeating
- 4 Lchr gren 40mm
- 4 MG 7.62mm w/tripod
- 4 Reeling mach RL-31
- 4 Reeling mach RL-172
- 4 Splicing kit tel
- 3 Swbd SB-22
- 8 Tel set TA-312
- 4 Trk 1/4T
- 1 Trk 1/4T

RADIO SECTION

Personnel

- 1 E5 RATT Opns Tm Ch
- 1 E4 RATT Opr
- 1 E3 RATT Opr

Equipment

- 1 Cable tel (1/4 mi)
- 2 Camouflage screen sys
- 2 Camouflage screen spt sys
- 1 Elec TT sec equip KW-7
- 1 Generator 5kw
- 1 Headset micro
- 1 RATT set GRC-142
- 1 Reeling mach RL-39
- 1 Tel set TA-312
- 1 Trk 1/4T

MANEUVER BDE FS SECTION

Personnel

- 1 O4 FSO
- 1 E7 FS Sgt
- 2 E4 FS Sp

Equipment

- 1 Antenna AT-984
- 1 Antenna RC-292
- 2 Binocular
- 4 Cable tel (1/4 mi)
- 1 Camouflage screen sys
- 1 Camouflage screen spt sys
- 1 Code changer key KYK-28

- 2 Compass mag
- 1 Generator 1.5 kw
- 1 Instal kit MK 1224
- 1 Instal kit MK 1552
- 1 Instal kit MK 1646
- 1 Lchr gren 40mm
- 1 Pwr sup assy
- 1 Radio set PRC-77
- 1 Radio set VRC-49
- 2 Radio set cont gp GRA-39
- 2 Reeling mach
- 1 Speech sec equip KY-38
- 1 Switchboard SB-993
- 1 Tac digital regen repeater
- 2 Tel set TA-312
- 1 Tlr 1/4T
- 1 Trk 1/4T

(3) MANEUVER BN FS SECTIONS

Personnel

- 3 O3 FSO
- 3 E7 FS Sgt
- 6 E4 FS Sp

Equipment

- 3 Antenna AT-984
- 3 Antenna RC-292
- 6 Binocular
- 12 Cable tel (1/4 mi)
- 6 Camouflage screen sys
- 6 Camouflage screen spt sys
- 3 Charger btry
- 6 Compass mag
- 3 Generator 1.5kw
- 3 Instal kit MK 1224
- 3 Instal kit MK 1552
- 3 Instal kit MK 1646
- 3 Lchr gren 40mm
- 3 Pwr sup assy
- 3 Radio set PRC-77
- 3 Radio set VRC-49
- 6 Radio set cont gp, GRA-39
- 6 Reeling mach RL-39
- 3 Speech sec equip KY-38
- 3 Switchboard SB-993
- 3 Tac digital regen repeater
- 6 Tel set TA-312
- 3 Tlr 1/4T
- 3 Trk 1/4T

MEDICAL SECTION

Personnel

- 1 WO Physician's Asst
- 1 E6 Sec Sgt
- 1 E5 Medical Aide
- 1 E4 Medical Aide
- 4 E4 Btry Aidman
- 1 E3 Ambulance Driver
- 1 E6 Pract Nurse
- 1 E3 Medical Aide

Equipment

1 Blanket set bed
9 Camouflage screen sys
9 Camouflage screen spt sys
1 Gen set 1.5 KW
1 Light set gen
10 Mask CBR headwound
1 Med equip set Bn aid sta
1 Radiac set
1 Splint set telescopic
8 Surgical instr/sup set
1 Tel set TA-312
1 Trk amb 1 1/4T
1 Trk 1 1/4T
1 Watch wrist

AD SECTION HQ**Personnel**

1 Lt Sec Ldr
1 E6 Sec Sgt

Equipment

1 Cable tel (1/4 mi)
1 Camouflage screen sys
1 Camouflage screen spt sys
2 Code chg key KIK-18
1 Gen st 1.5 KW
1 Interogator set PPK-3
1 Interogator computer
1 Display set tgt alert data
1 Instal kit MK 1225
1 Radio set VRC-48
1 Radio set control gp GRA-39
1 Reeling mach RL-39
1 Tele set TA-312
1 Tlr 1/4T
1 Trk 1/4T
1 Training set
1 Programmer Inter

(3) AD TEAMS**Personnel**

3 E5 Tm Ch
3 E4 Gunner

Equipment

6 Binocular
3 Cable tel (1/4 mi)
3 Camouflage screen sys
3 Camouflage screen spt sys
3 Display set tgt alert data
3 Instal kit MK 1234
3 Harness GM equip
6 Interogator set
3 Trainer Handling GM Launcher
3 Radio set GRC-160
3 Reeling mach RL-39
3 Tel set TA-1/PT
3 Tlr 1/4T
3 Trk 1/4T
6 Watch wrist

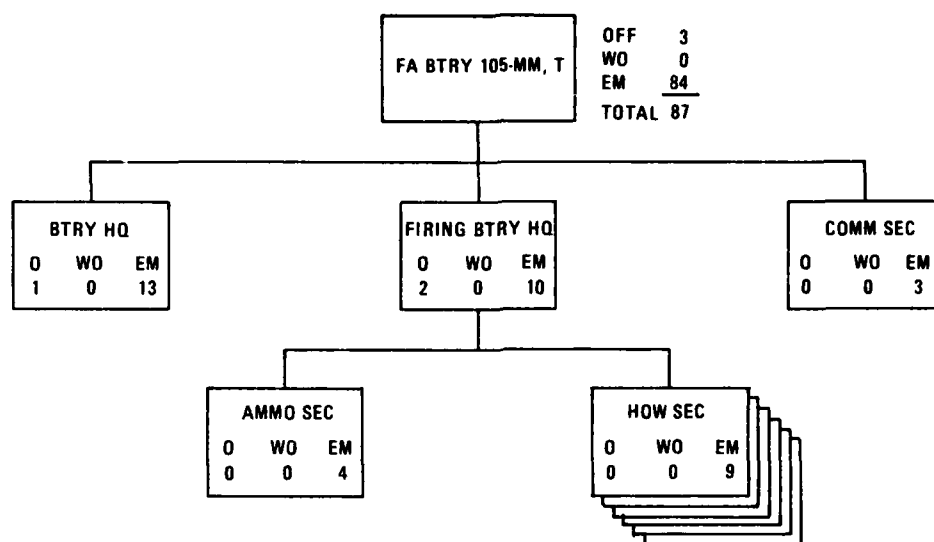
(8) INF COMPANY FIST**Personnel**

8 Lt FS Tm Ch
8 E6 FS Sgt
24 E5 FO
8 E4 FS Sp
24 E3 RTO

Equipment

8 Antenna AT-984
8 Antenna RC-292
40 Binocular
96 Cable tel (1/4 mi)
16 Camouflage screen sys
16 Camouflage screen spt sys
40 Compass mag
8 Generator 1.5kw
16 Instal kit MK 1234
8 Instal kit MK 1306
8 Instal kit MK 1554
8 Lchr gren 40mm
8 Night vision goggles PVS-5
8 Night vision sight TVS-5
8 Power sup assy
16 Radio set GRC-160
24 Radio set PRC -77
8 Radio set VRC-47
16 Radio set contr gp GRA-39
16 Range finder laser
40 Reeling mach RL-39
8 Speech sec equip KY-38
8 Switchboard SB-993
40 Tel set TA-312
16 Tlr 1/4T
16 Trk 1/4T

TOE 6-157H
FIELD ARTILLERY BATTERY, 105-MM, TOWED, FIELD ARTILLERY BATTALION,
INFANTRY DIVISION OR SEPARATE INFANTRY BRIGADE



MISSION: To provide a firing component of the FA Bn 105-mm Towed.

TOE 6-157H

BTRY HQ

Personnel

- 1 O3 BC
- 1 E8 1st Sgt
- 1 E6 Food Svc Sgt
- 1 E6 Supply Sgt
- 1 E6 Motor Sgt
- 1 E5 1st Cook
- 1 E4 Armorer
- 1 E4 Cook
- 1 E4 Equip Maint Clk
- 1 E3 Veh Driver
- 1 E3 Cook
- 1 E4 Pwr Gen & W Veh Mech
- 2 E3 Pwr Gen & W Veh Mech

Equipment

- 1 Accessory outfit fld range
- 87 Bayonet
- 1 Binocular
- 1 Cabinet tool/sp parts 35½H
- 1 Cable tel (¼ mi)
- 24 Camouflage screen sys
- 24 Camouflage screen spt sys
- 2 Charger radiac detector
- 1 Compass mag
- 1 Compressor rcp pwr driven
- 4 Heater immersion
- 1 Instal kit MK 1306
- 1 Instal kit MK 1554
- 2 Lchr gren 40mm
- 87 Mask CBR
- 1 Multimeter
- 6 Night vision goggles PVS-5
- 4 Night vision sight PVS-4
- 1 Pistol cal 45
- 1 Pwr sup assy
- 1 Radiac set
- 2 Radiacmeter IM-93
- 1 Radiacmeter IM-174
- 1 Radio set VRC-47
- 2 Range outfit fld
- 1 Reeling mach RL-39
- 1 Speech sec equip KY-38
- 2 Tel set TA-312
- 1 Shop equip auto maint
- 3 Tool kit mech
- 1 Tool kit carpenters
- 1 Tool kit sml arms repair
- 1 Tlr ¼T
- 1 Tlr 1½T
- 1 Tlr tk water
- 2 Trk 2½T
- 1 Trk 2½ T w/winch
- 1 Trk ¼T
- 6 Watch wrist
- 1 Cabinet tool/sp parts w/18 drws
- 1 Code changer key KYK-28
- 86 Rifle 5.56mm
- 1 MG .50 w/mount
- 2 MG 7.62mm w/tripod

COMM SECTION

Personnel

- 1 E6 Tact Comm Ch
- 1 E4 Tact Wire Opns Sp
- 1 E3 Tact Wire Opns Sp

Equipment

- 1 Axle cable RL-27
- 7 Cable tel (1 mi)
- 6 Cable tel 2 cond fld wire
- 1 Detector set mine
- 1 Detector set mine PSS-11
- 1 Lchr gren 40mm
- 1 Reeling mach RL-31
- 1 Swbd SB-22
- 5 Tel set TA-312

FB HQ

Personnel

- 1 Lt XO
- 1 Lt FDO
- 1 E7 Gunnery Sgt
- 1 E7 Ch of FB
- 1 E6 Ch FD Comp
- 2 E5 FD Comp
- 1 E4 FA Wpns Mech
- 3 E4 Chart Opr
- 1 E3 RTO

Equipment

- 3 Aiming circle
- 2 Alarm CML
- 2 Antenna AT-984
- 4 Antenna RC-292
- 2 Binocular
- 6 Cable tel (¼ mi)
- 8 Camouflage screen sys
- 6 Camouflage screen spt sys
- 1 Code changer key KYK-28
- 2 Compass mag
- 2 FD set arty
- 1 Generator 1.5kw
- 1 Generator 1.5kw (DC)
- 3 Headset microphone
- 1 Instal kit MK 1246
- 2 Instal kit MK 1253
- 2 Instal kit MK 1663
- 2 Lchr gren 40mm
- 1 Light set gen purp
- 1 Light set fld
- 3 Plotting bd indir fire
- 2 Plotting set arty fire control
- 2 Power sup assy
- 2 Radiacmeter IM-93
- 1 Radiacmeter IM-174
- 1 Radio set VRC-46
- 2 Radio set VRC-47
- 1 Purging kit, FC
- 1 Gen set-5 KW
- 2 Gen set-3 KW
- 1 Computer FD
- 1 Trk 1¼T

- 1 Comp gun dir
- 2 Generator 3kw
- 1 Generator 3kw (DC)
- 4 Radio set control gp GRA-39
- 2 Reeling mach RL-39
- 1 Reproducer sig data
- 2 Speech sec equip
- 1 Switchboard SB-993
- 1 Telecon/switching gp MX 155
- 5 Tel set TA-312
- 1 Test set
- 1 Tool kit arty mech
- 1 Tlr ¾T

(6) HOWITZER SECTIONS

Personnel

- 6 E6 Sec Ch
- 6 E5 Gunner
- 6 E4 Asst Gunner
- 6 E4 Prime Mvr Driver
- 30 E3 Cannoneer

Equipment

- 6 Cable tel (¼ mi)
- 36 Camouflage screen sys
- 36 Camouflage screen spt sys
- 6 Compass mag
- 6 Radio set cont GP
- 6 Headset microphone
- 6 Howitzer towed 105mm
- 6 MG 7.62mm w/tripod
- 6 Reeling machine
- 6 Tel set TA-312
- 6 Trk 2½T w/winch

AMMO SECTION

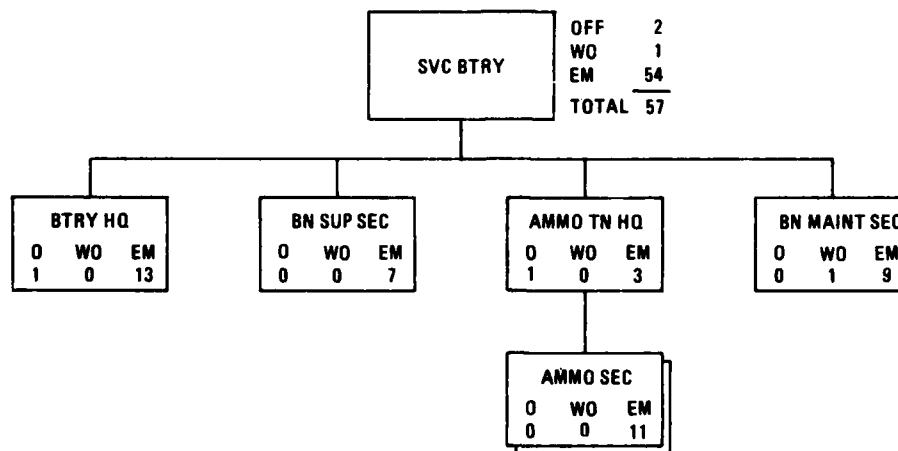
Personnel

- 1 E5 Sect Ch
- 1 E3 Ammo Handler
- 2 E3 Veh Driver

Equipment

- 2 Cable tel DR-8
- 6 Camouflage screen sys
- 6 Camouflage screen spt sys
- 2 MG 7.62mm w/tripod
- 1 Tel set TA-312
- 2 Tlr ammo 1½T
- 2 Trk 2½T
- 2 Launcher gren 40mm
- 1 MG .50 w/mount gun ring
- 1 Reeling mach RL-39

TOE 6-159H
 SERVICE BATTERY, FIELD ARTILLERY BATTALION, 105-MM, TOWED
 INFANTRY DIVISION OR SEPARATE INFANTRY BRIGADE



MISSION: To procure and distribute supplies of all classes to units of the battalion, to maintain appropriate supply records, and to perform organizational-level maintenance functions not otherwise accomplished within the battalion.

TOE 6-159H

BTRY HQ

Personnel

- 1 O3 BC
- 1 E8 1st Sgt
- 1 E6 Food Svc Sgt
- 1 E6 Supply Sgt
- 1 E6 Motor Sgt
- 1 E5 1st Cook
- 1 E4 Armorer
- 1 E4 Equip Maint Clk
- 1 E3 Cook
- 1 E3 Veh Driver
- 1 E4 Tact Wire Op Sp
- 1 E4 Pwr Gen & W Veh Mech
- 1 E3 Pwr Gen & W Veh Mech
- 1 E5 NBC Opns NCO

Equipment

- 1 Accessory outfit fld
- 1 Alarm CML
- 1 Antenna RC-292
- 57 Bayonet
- 1 Binocular
- 1 Cabinet tool/sp parts w/18 drws
- 2 Cable tel (1/4 mi)
- 1 Cabinet tool/sp parts 35 1/2 H
- 4 Cable tel 2 cond fld wire
- 20 Camouflage screen sys
- 20 Camouflage screen spt sys
- 2 Charger radiac detector
- 1 Code changer key KYK-28
- 4 Coil tel repeating
- 1 Compass mag
- 1 Compressor rcp pwr driven
- 1 Detecting set mine
- 1 Detecting set mine PSS-11
- 1 Generator set 1.5kw
- 4 Heater immersion
- 1 Instal kit MK 1234
- 1 Instal kit MK 1552
- 2 Lchr crew 40mm
- 1 MG 7.62mm w/tripod
- 57 Mask CBR
- 5 Night vision goggles PVS-5
- 3 Night vision sight PVS-4
- 1 Pistol cal 45
- 1 Pwr sup assy
- 1 Radiac set
- 2 Radiacmeter IM-93
- 1 Radiacmeter IM-174
- 1 Radio set VRC-46
- 1 Radio set control gp GRA-39
- 2 Range outfit fld
- 1 Reeling mach RL-39
- 56 Rifle 5.56mm
- 1 Switchboard SB-22
- 1 Speech sec equip KY-38
- 2 Cable tel DR-8
- 1 MG cal 50 w/ring mount
- 4 Tel set TA-312

- 1 Shop equip auto maint
- 2 Tool kit mech
- 1 Tool kit carpenters
- 1 Tool kit sml arms repair
- 1 Tlr 1 1/2 T
- 1 Tlr tk water
- 2 Trk 2 1/2 T
- 1 Trk 2 1/2 T w/winch
- 1 Trk 1/4 T
- 5 Watch wrist

BN SUPPLY SECTION

Personnel

- 1 E7 Supply Sgt
- 1 E4 Veh Driver
- 2 E4 Gen Supply Sp
- 2 E3 Gen Supply Sp
- 1 E5 Gen Sup Sp

Equipment

- 9 Camouflage screen sys
- 9 Camouflage screen spt sys
- 1 MG 7.62mm w/tripod
- 1 Tk/pump unit
- 1 Tel set TA-312
- 1 Tlr 1 1/2 T
- 1 Trk 2 1/2 T
- 1 Trk 5T

BN MAINT SECTION

Personnel

- 1 WO Automv Repair Tech
- 1 E7 Motor Sgt
- 1 E4 PLL Clk
- 1 E4 Wrecker Opr
- 2 E4 Pwr Gen & W Veh Mech
- 2 E3 Pwr Gen & W Veh Mech
- 1 E5 Pwr Gen & W Veh Mech
- 1 E4 Welder

Equipment

- 2 Cabinet tool/sp parts 3 shelves
- 1 Cabinet tool/sp parts 35 1/2 H
- 11 Camouflage screen sys
- 11 Camouflage screen spt sys
- 1 Compressor
- 2 Generator 1.5kw
- 2 Generator 3kw
- 1 Heater duct type
- 1 Instal kit MK 1234
- 1 Lchr crew 40mm
- 1 Multimeter
- 1 MG cal 50 w/mount
- 1 Radio set VRC-64
- 1 Shop equip
- 5 Tool kit mech
- 1 Tool kit welder
- 1 Tool kit full track
- 1 Trk 1/4 T
- 2 Charger btry
- 1 MG 7.62mm w/tripod
- 1 Tel set TA-312
- 1 Tlr 1 1/2 T

- 1 Trk 2 1/2 T
- 1 Trk 5T wrecker

AMMO TRAIN HQ

Personnel

- 1 Lt Ammo Off
- 1 E7 Ammo Sgt
- 1 E4 Ammo Handler
- 1 E4 Gen Clk

Equipment

- 1 Camouflage screen sys
- 1 Camouflage screen spt sys
- 1 Instal kit MK 1817
- 2 Radiacmeter IM-93
- 1 Radiacmeter IM-174
- 1 Radio set VRC-46
- 1 Tel set TA-312/PT
- 1 Tlr 3/4 T
- 1 Trk 1 1/4 T

(2) AMMO SECTIONS

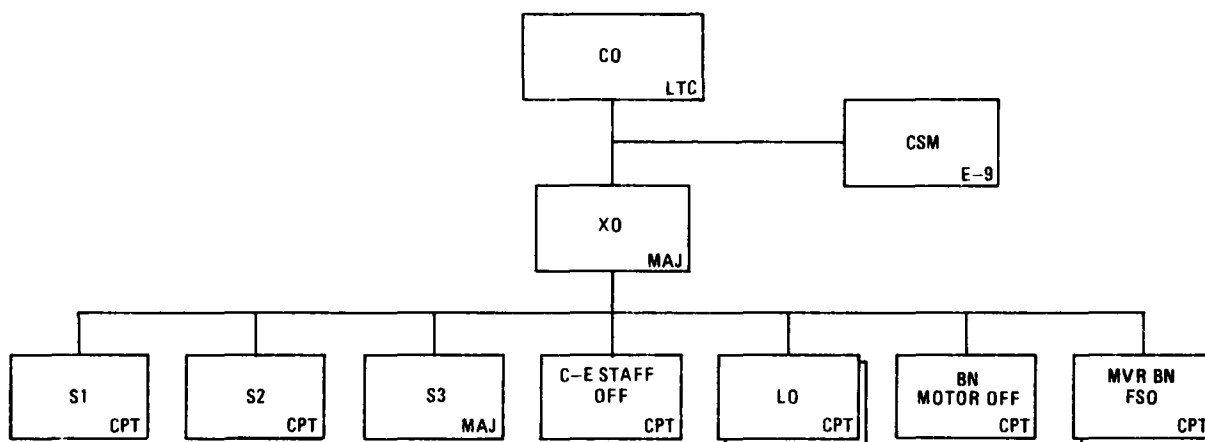
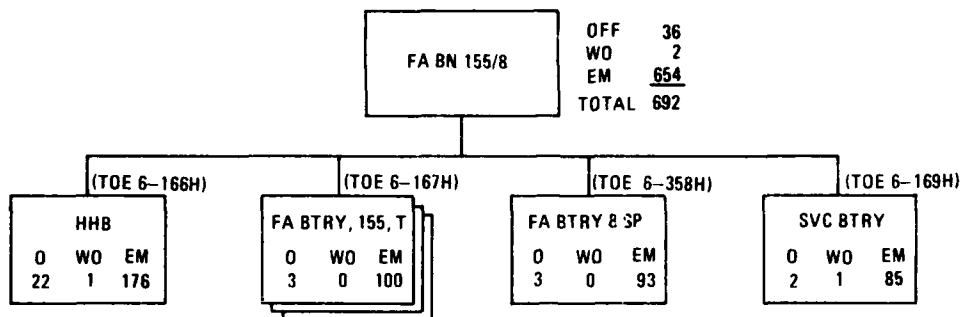
Personnel

- 2 E5 Sec Ch
- 10 E3 Ammo Handler
- 10 E3 Veh Driver

Equipment

- 30 Camouflage screen sys
- 30 Camouflage screen spt sys
- 2 Lchr gren 40mm
- 2 MG 7.62mm w/tripod
- 10 Tlr Ammo 1 1/2 T
- 10 Trk 2 1/2 T
- 2 Alarm CML

TOE 6-165H
FIELD ARTILLERY BATTALION, 155-MM, TOWED/8-INCH, SP,
INFANTRY DIVISION



TOE 6-165H

MISSION: To provide FA fires, to include nuclear fires, in general support of an infantry division and to reinforce the fires of other FA units.

SUMMARY — MAJOR ITEMS OF EQUIPMEN

TRANSPORTATION

| | | | |
|------------------------------------|----|---|-----|
| Carrier, cargo, tracked, 6-ton | 4 | Cable, tel, WD-1/TT, DR-8, 1/4 mi | 131 |
| Carrier, CP, lt tracked | 3 | Cable, tel, WD-1/TT, RL-159/U, 1 mi | 63 |
| Carrier, personnel | 6 | Cable, tel, WD-1/TT, fld, wire | 38 |
| Recovery vehicle, full tracked med | 1 | Code changer, key, KYK-28/TSEC | 11 |
| Trailer, 1/4-ton | 19 | Coil tel, repeating | 12 |
| Trailer, 3/4-ton | 8 | Electronic TT security equip, TSEC/KW-7 | 2 |
| Trailer, 1 1/2-ton | 14 | Headset, microphone | 40 |
| Trailer, ammo, 1 1/2-ton | 32 | Inverter vibrator | 1 |
| Trailer, tank, water, 400 gal | 6 | Radio set AN/GRC-160 | 23 |
| Truck, ambulance, 1 1/4-ton | 1 | Radio set AN/PRC-77 | 12 |
| Truck, 1 1/4-ton | 21 | Radio set AN/VRC-46 | 12 |
| Truck, 2 1/2-ton | 17 | Radio set AN/VRC-47 | 25 |
| Truck, 2 1/2-ton, w/winch | 6 | Radio set AN/VRC-48 | 1 |
| Truck, 5-ton | 12 | Radio set AN/VRC-49 | 3 |
| Truck, 5-ton, w/winch | 20 | Radio set AN/VRC-64 | 2 |
| Truck, 8-ton | 16 | Radio set control gp AN/GRA-39 | 41 |
| Truck, 1/4-ton | 14 | RTT set AN/GRC-142 | 2 |
| Truck, van, shop, 2 1/2-ton | 2 | Reel, cable, DR-8 | 8 |
| Truck, wrecker, 10-ton | 1 | Reeling machine, cable, hand, RL-31 | 8 |

MATERIEL

| | | | |
|-------------------------------|-----|--|----|
| Howitzer, hvy, SP, 8 inch | 4 | Reeling machine, cable, hand, RL-39 | 75 |
| Howitzer, med, towed, 155-mm | 18 | Reeling machine, cable, motor driven | 4 |
| Launcher, grenade, 40-mm | 54 | Reproducer, signal data | 2 |
| Mach: gun, cal 50, w/mount | 21 | Speech security equip TSEC/KY-38 | 33 |
| Machinegun, 7.62-mm, w/tripod | 54 | Splicing kit, tel, cable | 4 |
| Pistol, cal 45 | 21 | Switchboard, SB-22 | 9 |
| Rifle, 5.56-mm | 671 | Switchboard, SB-993 | 9 |
| Submachinegun, cal 45 | 2 | Tactical digital regenerative repeater | 3 |
| | | Telephone, conn/switching gp | |

GUNNERY

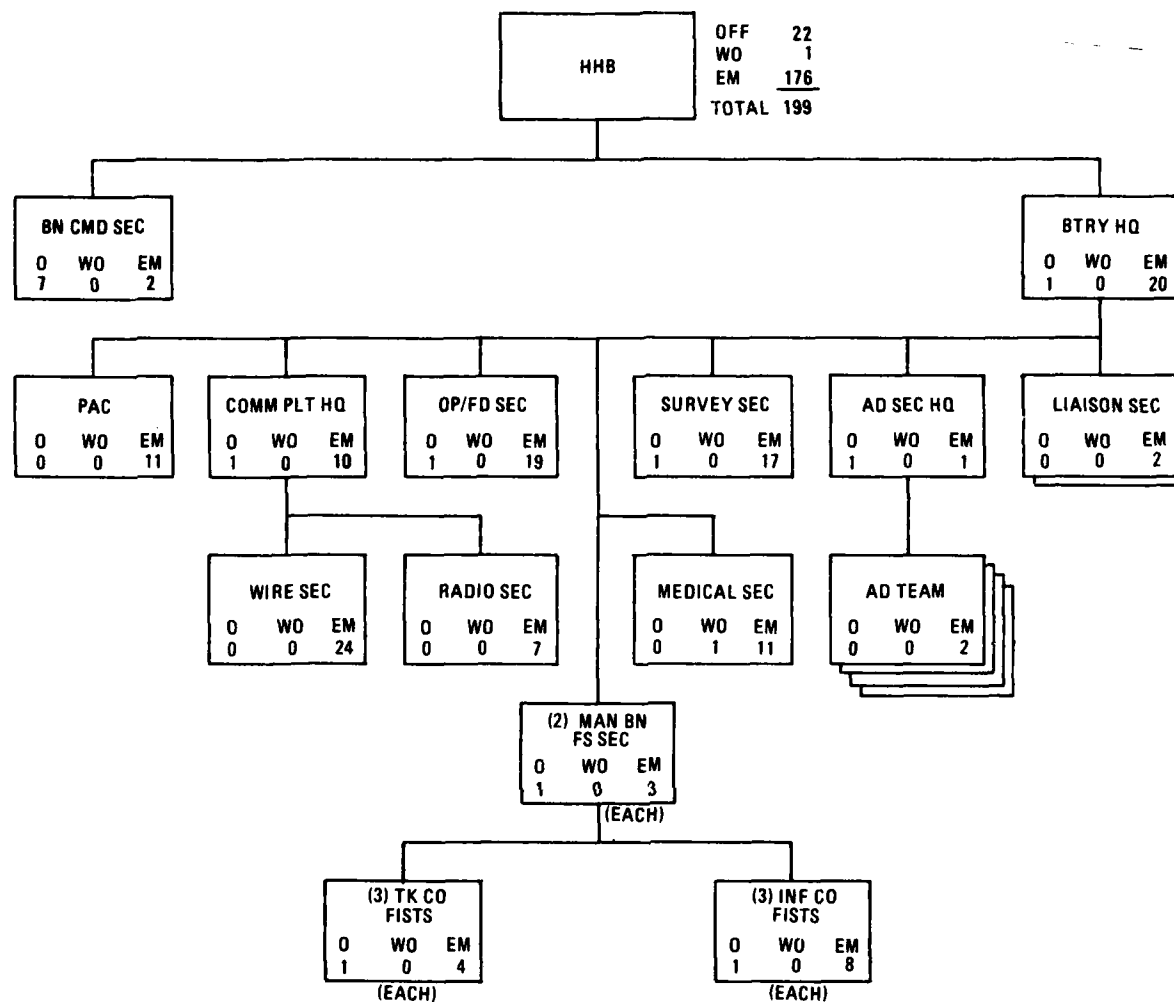
| | | | |
|------------------------------|----|-------------------------|-----|
| Aiming circle | 15 | MX-155/G7 | 4 |
| Computer, gun direction | 5 | Telephone set TA-1/PT | 8 |
| Duplicating machine, stencil | 1 | Telephone set TA-312/PT | 140 |

| | | | |
|----------------------------------|----|------------------------------------|----|
| FD set, arty | 12 | TARGET ACQUISITION | |
| Plotting board, indir fire | 16 | Night vision goggles AN/PVS-5 | 45 |
| Plotting set, arty, fire control | 10 | Night vision sight crew serv wpns | |
| Range finder (laser) | 13 | AN/TVS-5 | 6 |
| | | Night vision sight ind served wpns | |

COMMUNICATIONS

| | | | |
|--------------------------|----|--|----|
| Antenna, AT-984/G | 17 | AN/PVS-4 | 21 |
| Antenna, RC-292 | 33 | Night vision sight tripod mtd AN/TVS-4 | 4 |
| Axle, cable, reel, RL-27 | 8 | Periscope, BC | 3 |
| Cable, assy, tel | 2 | Surveying instr, az gyro | 3 |
| Cable, assy, tel, 15 ft | 4 | Surveying set, arty, fire control, | |
| | | 4th order | 3 |
| | | Theodolite survey | 3 |
| | | Surveying instr, infrared | 3 |

TOE 6-166H
HEADQUARTERS & HEADQUARTERS BATTERY, FIELD ARTILLERY BATTALION,
155-MM, TOWED/8-INCH, SP, INFANTRY DIVISION



MISSION: To direct and coordinate operations of the battalion and to provide facilities with which the battalion commander can control the battalion.

TOE 6-166H

BN CMD SEC

Personnel

- 1 05 Bn Cmdr
- 1 04 XO
- 1 04 S3
- 1 03 C-E Stf Off
- 1 03 S1
- 1 03 S2
- 1 03 Motor Off
- 1 E9 CSM
- 1 E3 Veh Drvr

Equipment

- 1 Binocular
- 1 Camouflage screen sys
- 1 Camouflage screen spt sys
- 1 Compass mag
- 1 Instal kit MK 1306
- 1 Instal kit MK 1554
- 1 Night vision goggles
- 1 Pwr sup assy
- 1 Radio set AN/VRC-47
- 1 Speech sec equip KY-38
- 1 Tlr 1/4T
- 1 Trk 1/4T

BTRY HQ

Personnel

- 1 03 BC
- 1 E8 1st Sgt
- 1 E7 Food Svc Sgt
- 1 E6 Motor Sgt
- 1 E6 Supply Sgt
- 1 E6 1st Cook
- 1 E5 Cook
- 1 E4 Plt Clk
- 1 E3 Gen Sup Sp
- 1 E3 Veh Drvr
- 1 E4 Armorer
- 2 E4 Cook
- 1 E4 Equip Maint Clk
- 1 E3 Cook
- 1 E4 Pwr Gen & W Veh Mech
- 1 E3 Pwr Gen & W Veh Mech
- 1 E5 Track Veh Mech
- 1 E4 Track Veh Mech
- 2 E3 Track Veh Mech

Equipment

- 1 Accessory outfit fld range
- 1 Alarm CML
- 187 Bayonet
- 1 Cabinet tool sp parts
- 24 Camouflage screen sys
- 24 Camouflage screen spt sys
- 2 Charger radiac detector
- 1 Compass mag
- 1 Compressor rcp pwr driven
- 1 Gen set 1.5 KW
- 1 Gen set 5 KW
- 2 MG cal 50 w/mount

- 27 Mask prot tk
- 10 Heater immersion
- 1 Instal kit MK 1234
- 2 Kitchen fld tlr
- 1 Lchr gren 40mm
- 2 MG 7.62mm w/tripod
- 172 Mask CBR
- 1 Multimeter
- 1 Night vision goggles PVS-5
- 3 Night vision sight PVS-4
- 14 Pistol cal 45
- 1 Charger battery
- 2 Radiacmeter IM-93
- 1 Radiacmeter IM-174
- 1 Radio set VRC-64
- 3 Range fld
- 185 Rifle 5.56mm
- 5 Tel set A-312
- 1 Shop equip auto maint
- 6 Tool kit mech
- 1 Tool kit carpenters
- 1 Tool kit sml arms repair
- 1 Tlr 1/4T
- 1 Tlr 1 1/2T
- 1 Tlr tk water
- 2 Trk 2 1/2T
- 1 Trk 2 1/2T w/winch
- 1 Trk 1/4T
- 17 Watch wrist

PAC

Personnel

- 1 E7 PAC Supervisor
- 1 E6 Pers Stf NCO
- 1 E6 Reenlist NCO
- 1 E5 Legal Clk
- 1 E5 PAC Clk
- 1 E4 Clk Typist
- 2 E4 PAC Clk
- 1 E3 Lt Veh Driver
- 2 E3 PAC Clk

Equipment

- 1 Binocular
- 6 Camouflage screen sys
- 6 Camouflage screen spt sys
- 1 Compass mag
- 1 Instal kit MK 1663
- 1 Instal it MK 1810
- 1 Pwr Sup assy
- 1 Radio set VRC-47
- 1 Speech sec equip KY-38
- 3 Tel set TA-312
- 1 Tlr 3/4T
- 1 Trk 1 1/4T

OPS/FD SECTION

Personnel

- 1 03 FDO
- 1 E8 Ops Sgt
- 1 E8 Intel Sgt
- 1 E7 Ch FD Comp
- 1 E6 Asst Ch FD Comp

- 5 E5 FD Comp
- 4 E4 Chart Opr
- 1 E4 Clk Typist
- 1 E4 Ops Sp
- 2 E3 Veh Driver
- 1 E4 Tact Wire Opns Sp
- 1 E6 Chem/Stf NCO

Equipment

- 1 Alarm CML
- 1 Antenna AT-984
- 4 Antenna RC-292
- 2 Binocular
- 4 Cable tel (1/4 mi)
- 10 Camouflage screen sys
- 10 Camouflage screen spt sys
- 1 Code changer key KYK-28
- 2 Compass mag
- 1 Computer gun dir
- 1 Duplicating mach
- 4 FD set arty
- 1 Generator 1.5kw AC
- 2 Generator 1.5kw DC
- 2 Generator 3kw
- 4 Headset microphone
- 1 Instal kit MK 1554
- 3 Instal kit VRC-46
- 1 Instal kit MK 1306
- 1 Instal kit MK 1727
- 2 Instal kit MK 1817
- 1 Light set gen illum
- 1 Locking device atomic wpn tng
- 4 Plotting bd indir fire
- 2 Plotting set arty fire control
- 5 Power sup assy
- 6 Radio set VRC-46
- 1 Radio set VRC-47
- 4 Radio set cont gp GRA-39
- 5 Reeling mach RL-39
- 5 Speech sec equip KY-38
- 1 Switchboard SB-22
- 8 Tel set TA-312
- 1 Tlr 1/4T
- 1 Tlr 3/4T
- 1 Tlr 1 1/2T
- 1 Trk 1 1/4T
- 1 Trk 2 1/2T
- 1 Trk 1/4T

SURVEY SECTION

Personnel

- 1 Lt Recon/Survey Off
- 1 E7 Ch Surveror
- 3 E6 Ch Survey Party
- 3 E5 Survey Comp
- 3 E4 Survey Comp/Recorder
- 3 E4 Instr Opr
- 1 E3 Veh Drvr
- 3 E3 Rodman/Tapeman

Equipment

- 3 Aiming circle
- 7 Binocular

- 7 Camouflage screen sys
- 7 Camouflage screen spt sys
- 1 Charger btry
- 1 Instal kit MK 1226
- 3 Instal kit MK 1246
- 7 Compass mag
- 1 Instal kit MK 1234
- 3 Lchr gren 40mm
- 3 MG 7.62mm w/tripod
- 1 Night viewing sight TVS-4
- 3 Periscope BC
- 6 Radio set GRC-160
- 1 Radio set VRC-47
- 1 Range finder laser
- 3 Surveying instr az gyro
- 3 Surveying instr DME
- 3 Theodolite survey
- 3 Trk 1 1/4T
- 4 Trk 1/4T
- 3 Surveying set arty FC 4th order
- 1 Watch wrist

(2) LIAISON SECTIONS

Personnel

- 2 O3 LO
- 2 E6 Ln Sgt
- 2 E4 Ln Sp

Equipment

- 2 Antenna RC-292
- 2 Cable tel (1/4 mi)
- 2 Camouflage screen sys
- 2 Camouflage screen spt sys
- 2 Compass mag
- 2 Generator 1.5kw
- 2 Instal kit MK 1552
- 2 Instal kit MK 1234
- 2 Pwr sup assy
- 2 Radio set VRC-46
- 2 Radio set cont gp GRA-39
- 2 Speech sec equip KY-38
- 2 Tel set TA-312
- 2 Tlr 1/4T
- 2 Trk 1/4T

COMM PLAT HQ

Personnel

- 1 Lt Platoon Ldr
- 1 E7 Tact Comm Ch
- 1 E3 Veh Driver
- 2 E5 Tact Comm Opr/Mech
- 4 E3 Tact Comm Sys Op/Mech
- 1 E4 Tact Wire Ops Sp
- 1 E3 Tact Wire Ops Sp

Equipment

- 2 Antenna RC-292
- 1 Binocular
- 1 Cable tel (1/4 mi)
- 6 Camouflage screen sys
- 6 Camouflage screen spt sys
- 1 Code changer key KYK-28
- 1 Compass mag

- 1 Detaching set mine
- 1 Detecting set mine PSS-11
- 1 Generator 1.5kw
- 1 Instal kit MK 1224
- 1 Instal kit MK 1552
- 1 Instal kit MK 1646
- 1 Inverter vibrator
- 1 Lchr gren 40mm
- 3 Multimeter
- 1 Pwr sup assy
- 2 Radiacmeter IM-93
- 1 Radiacmeter IM-174
- 1 Radio set VRC-49
- 1 Radio set control gp GRA-39
- 1 Reproducer sig data
- 1 Speech sec equip KY-38
- 1 Tac digital regen repeater
- 2 Tel set TA-312
- 1 Test btry
- 1 Test set comp logic
- 1 Test set elec tube
- 1 Test set radio
- 1 Test set radio freq pwr
- 6 Tool kit elec equip
- 1 Tlr 1/4T
- 1 Tlr 3/4T
- 1 Trk 1 1/4T
- 1 Trk 1/4T

RADIO SECTION

Personnel

- 1 E6 RATT Opns Supv
- 2 E5 RATT Tm Ch
- 2 E4 RATT Opr
- 2 E3 RATT Opr

Equipment

- 2 Cable tel (1/4 mi)
- 4 Camouflage screen sys
- 4 Camouflage screen spt sys
- 2 Elec TT Sec equip KW-7
- 2 Generator 5kw
- 2 Headset microphone
- 2 RATT set GRC-142
- 2 Tel set TA-312
- 2 Trk 1 1/4T

WIRE SECTION

Personnel

- 1 E6 Tact Comm Ch
- 4 E5 Tact Wire Opns Tm Ch
- 11 E3 Tac Wire Ops Sp
- 8 E4 Sr Tac Wire Sp

Equipment

- 4 Axle cable RL-27
- 2 Cable assy tel CX 4566
- 4 Cable assy tel CX 4760
- 35 Cable tel (1 mi)
- 10 Cable tel 2 cond fld wire
- 9 Camouflage screen sys
- 9 Camouflage screen spt sys
- 8 Coil tel repeating

- 4 Lchr gren 40mm
- 4 MG 7.62mm w/tripod
- 4 Reeling mach RL-31
- 4 Reeling mach RL-172
- 4 Splicing kit tel
- 3 Switchboard SB-22
- 8 Tel set TA-312
- 1 Tool kit lineman's
- 4 Trk 1 1/4T
- 1 Trk 1/4T

MEDICAL SECTION

Personnel

- 1 WO Physician's Asst
- 1 E6 Sec Sgt
- 1 E5 Medical Aide
- 5 E4 Btry Aidman
- 1 E4 Medical Aide
- 1 E3 Ambulance Driver
- 1 E3 Medical Aide
- 1 E6 Pract Nurse

Equipment

- 1 Blanket set bed
- 8 Camouflage screen sys
- 8 Camouflage screen spt sys
- 10 Mask headwound
- 2 Cen set 1.5 KW
- 1 Medical equip set bn aid sta
- 1 Light set gen illum
- 1 Radiac set
- 9 Surgical instr/sup set
- 1 Tel set TA-312
- 1 Tlr cargo 3/4T
- 1 Trk amb 1 1/4T
- 1 Trk 1 1/4T
- 1 Watch wrist
- 1 Splint set

AD SECTION HQ

Personnel

- 1 Lt Sec Leader
- 1 E6 Sec Sgt

Equipment

- 1 Cable tel (1/4 mi)
- 1 Camouflage screen sys
- 1 Camouflage screen spt sys
- 1 Display set tgt alert data
- 1 Instal kit Mk 1225
- 1 Radio set VRC-48
- 1 Radio set control gp GRA-39
- 2 Code changer key
- 1 Tel set TA-312
- 1 Tlr 1/4T
- 1 Trk 1/4T
- 1 Gen set 1.5 KW
- 2 Interogator set PPX-5
- 1 Interogator computer
- 1 Programmer inter
- 1 Training set GM

(4) AD TEAMS

Personnel

- 4 E5 Tm Ch
- 4 E4 Gunner

Equipment

- 8 Binocular
- 4 Cable tel (1/4 mi)
- 4 Camouflage screen sys
- 4 Camouflage screen spt sys
- 4 Display set tgt alert data
- 4 Instal kit MK 1234
- 4 Harness GM equip trans
- 4 Interogator set PPX-3
- 4 Radicmeter IM-93
- 4 Radiacmeter IM-174
- 4 Trainer handling GM lchr
- 4 Reeling mach RL-39
- 8 Tel set TA-1
- 4 Tlr 1/4T
- 4 Trk 1/4T
- 8 Watch wrist

(2) MANEUVER BN FS SECTIONS

Personnel

- 2 O3 FSO
- 2 E7 FS Sgt
- 4 E4 FS Sp

Equipment

- 2 Accessory kit MK 1321
- 2 Antenna AT-984
- 2 Antenna RC-292
- 4 Binocular
- 8 Cable tel (1/4 mi)
- 4 Camouflage screen sys
- 4 Camouflage screen spt sys
- 2 Charger btry range finder
- 4 Compass mag
- 2 Instal kit MK 1554
- 2 Instal kit MK 1306
- 2 Instal kit MK 1644
- 2 Lchr gren 40mm
- 4 Night vision goggles PVS-5
- 4 Pwr sup assy
- 2 Radio set VRC-47
- 2 Radio set VRC-49
- 4 Radio set control gp GRA-39
- 4 Reeling mach RL-39
- 4 Speech sec equip KY-38
- 2 Switchboard SB-993
- 2 Tac digital regen repeater
- 4 Tel set TA-312
- 2 Tlr 1/4T
- 2 Trk 1/4T
- 2 Carrier CP

(3) TANK COMPANY FIST

Personnel

- 3 Lt FIST Ch
- 3 E6 FS Sgt

- 3 E4 FS Sp

- 6 E3 RTO

Equipment

- 6 Accy kit MK 1265
- 3 Accy kit MK 1266
- 3 Antenna AT-984
- 3 Antenna RC-292
- 9 Binocular
- 3 Carrier pers
- 12 Cable tel (1/4 mi)
- 6 Camouflage screen sys
- 6 Camouflage screen spt sys
- 9 Compass mag
- 3 Generator 1.5kw
- 3 Instal kit MK 1626
- 3 Lchr gren 40mm
- 3 MG cal 50
- 3 Night vision goggles PVS-5
- 3 Night vision sight TVS-5
- 3 Pwr sup assy
- 6 Radio set GRC-160
- 3 Radio set PRC-77
- 3 Radio set VRC-47
- 6 Radio set control gp GRA-39
- 3 Range finder
- 6 Reeling mach RL-39
- 3 Speech sec equip KY-38
- 6 Tel set TA-312

(3) INF CO FIST

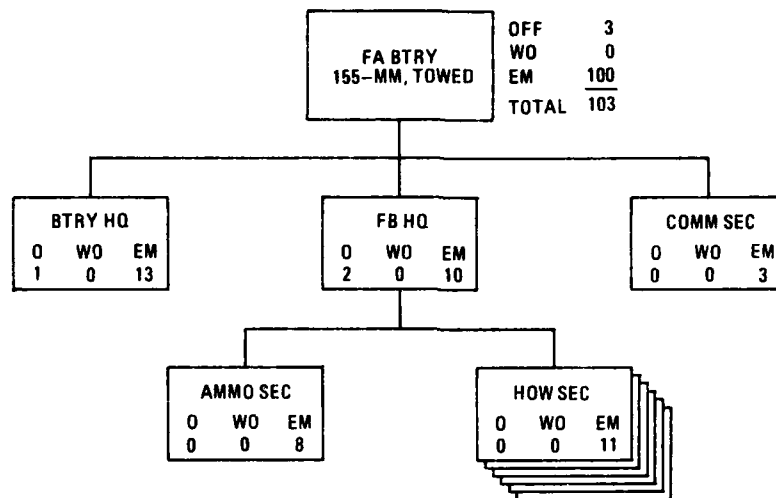
Personnel

- 3 Lt FIST Ch
- 3 E6 FS Sgt
- 9 E5 FO
- 3 E4 FS Sp
- 9 E3 RTO

Equipment

- 6 Accessory kit MK 1265
- 3 Accessory kit MK 1266
- 3 Antenna AT-984
- 3 Antenna RC-292
- 15 Binocular
- 36 Cable tel (1/4 mi)
- 6 Camouflage screen sys
- 6 Camouflage screen spt sys
- 15 Compass mag
- 3 Generator 1.5kw
- 3 Instal kit MK 1626
- 3 Lchr gren 40mm
- 3 Night vision goggles PVS-5
- 3 Night vision sight TVS-5
- 3 Pwr sup assy
- 6 Radio set GRC-160
- 9 Radio set PRC-77
- 3 Radio set VRC-47
- 6 Radio control gp GRA-39
- 9 Range finder laser
- 3 Speech sec equip KY-38
- 3 Switchboard SB-993
- 15 Tel set TA-312
- 3 Carrier personnel
- 3 MG .50 w/mount

TOE 6-167H
 FIELD ARTILLERY BATTERY, 155-MM, TOWED,
 FIELD ARTILLERY BATTALION 155/8 INFANTRY DIVISION



MISSION: To provide a firing component of the FA Bn 155-mm towed/8 inch SP battalion.

TOE 6-167H

BTRY HQ

Personnel

- 1 O3 BC
- 1 E8 1st Sgt
- 1 E6 Food Svc Sgt
- 1 E6 Motor Sgt
- 1 E6 Supply Sgt
- 1 First Cook
- 1 E4 Armorer
- 1 E4 Equip Maint Clk
- 1 E4 Cook
- 1 E3 Veh Driver
- 1 E3 Cook
- 1 E4 Pwr Gen & W Veh Mech
- 2 E3 Pwr Gen & W Veh Mech

Equipment

- 1 Accessory outfit fld range
- 103 Bayonet
- 1 Binocular
- 1 Cabinet tool/sp parts 35½H
- 1 Cabinet tool/sp parts w/drwr
- 1 Cable tel DR-8
- 22 Camouflage screen sys
- 17 Camouflage screen spt sys
- 2 Charger radiac detector
- 1 Code changer key KYK-28
- 1 Compass mag
- 1 Compressor rcp pwr driven
- 4 Heater immersion
- 1 Instal kit MK 1306
- 1 Instal kit MK 1554
- 2 Lchr gren 40mm
- 4 Lchr rkt practice
- 103 Mask CBR
- 1 MG cal 50 w/mount
- 2 MG 7.62mm w/tripod
- 1 Multimeter
- 6 Night vision goggles PVS-5
- 4 Night vision sight PVS-4
- 1 Pistol cal 45
- 1 Pwr sup assy veh
- 1 Radiac set
- 2 Radiacmeter IM-93
- 1 Radiacmeter IM-174
- 1 Radio set VRC-47
- 2 Range outfit
- 1 Reeling mach RL-39
- 102 Rifle 5.56mm
- 1 Speech sec equip KY-38
- 2 Tel set TA-312
- 1 Shop equip auto maint
- 3 Tool kit mech
- 1 Tool kit carpenters
- 1 Tool kit sml arms
- 1 Tlr ¼T
- 1 Tlr 1½T
- 1 Tlr tk water
- 2 Trk 2½T
- 1 Trk 2½T w/winch
- 1 Trk ¼T
- 6 Watch wrist

COMM SECTION

Personnel

- 1 E6 Tact Comm Ch
- 1 E4 Tact Wire Opns Sp
- 1 E3 Tact Wire Opns Sp

Equipment

- 1 Axle cable reel
- 7 Cable tel (¼ mi)
- 6 Cable tel 2 cond fld wire
- 1 Detecting set mine
- 1 Detecting set mine PSS-11
- 1 Lchr gren 40mm
- 1 Reeling mach RL-31
- 1 Switchboard SB-22
- 5 Tel set TA-312

FB HQ

Personnel

- 1 Lt XO
- 1 Lt FDO
- 1 E7 Ch FB
- 1 E7 Gunnery Sgt
- 1 E6 Ch FD Comp
- 2 E5 FD Comp
- 1 E4 FA Wpns Mech
- 3 E4 Chart Opr
- 1 E3 Radio Tele Opr

Equipment

- 3 Aiming circle
- 2 Alarm CML
- 2 Antenna AT-984
- 4 Antenna RC-292
- 2 Binocular
- 6 Cable tel (¼ mi)
- 8 Camouflage screen sys
- 6 Camouflage screen spt sys
- 1 Code changer key KYK-28
- 2 Compass mag
- 1 Computer gun dir
- 1 Demo set explosive
- 2 FD set arty
- 1 Generator 1.5kw AC
- 1 Generator 1.5kw DC
- 2 Generator 3kw AC
- 1 Cen set 3kw DC
- 3 Headset microphone
- 1 Instal kit MK 1246
- 2 Instal kit MK 1253
- 2 Instal kit MK 1663
- 2 Lchr gren 40mm
- 1 Light set gen illum
- 1 Light set chart fld
- 3 Plotting bd
- 2 Plotting set arty fire control
- 2 Pwr sup assy
- 2 Radiacmeter IM-93
- 1 Radiacmeter IM-174
- 1 Radio set VRC-46
- 2 Radio set VRC-47
- 4 Radio set control gp GRA-39
- 1 Purging kit FC

- 3 Reeling mach RL-39
- 2 Speech sec equip KY-38
- 1 Switchboard SB-993
- 1 Tel con/switching gp MX-155
- 5 Tel set TA-312
- 1 Tool kit arty mech
- 1 Tool kit spec wpns
- 1 Tlr ¼T
- 2 Trk 1¼T

(6) HOWITZER SECTIONS

Personnel

- 6 E6 Ch of Sec
- 6 E5 Gunner
- 6 E4 Asst Gunner
- 6 E4 PM Driver
- 6 E5 Cannoneer/Assembler
- 36 E3 Cannoneer

Equipment

- 6 Cable tel (¼ mi)
- 36 Camouflage screen sys
- 36 Camouflage screen spt sys
- 6 Compass mag
- 6 Howitzer med towed 155mm
- 6 MG 7.62mm w/tripod
- 6 Radio set control gp C28 28
- 6 Reeling mach RL-39
- 6 Tel set TA-312
- 6 Trk 5T w/winch
- 6 Headset/microphone

AMMO SECTION

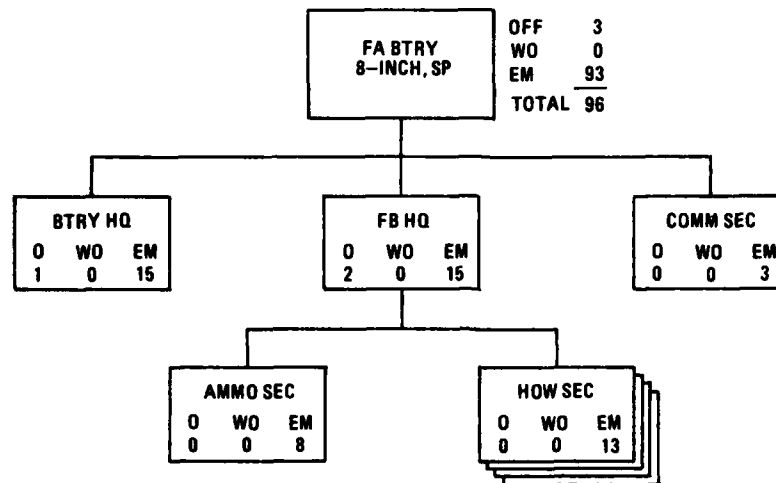
Personnel

- 1 E5 Sec Ch
- 4 E3 Veh Driver
- 3 E3 Ammo Handler

Equipment

- 2 Cable tel (¼ mi)
- 12 Camouflage screen sys
- 6 Camouflage screen spt sys
- 2 Lchr gren 40mm
- 2 MG 7.62mm w/tripod
- 4 Tlr ammo 1½T
- 4 Trk 5T
- 1 MG .50 w/mount
- 1 Tele set TA-312
- 4 Tlr ammo 1½T
- 4 Trk 5T

TOE 6-358H
FIELD ARTILLERY BATTERY, 8-INCH SP, FIELD ARTILLERY BATTALION,
155/8, INFANTRY DIVISION



MISSION: To provide a firing component of the FA Bn to which assigned.

TOE 6-358H

BTRY HQ

Personnel

- 1 03 BC
- 1 E8 1st Sgt
- 1 E6 Food Svc Sgt
- 1 E6 Motor Sgt
- 1 E6 Supply Sgt
- 1 E5 1st Cook
- 1 E4 Armorer
- 1 E4 Cook
- 1 E4 Equip Maint Clk
- 1 E4 Tracked Veh Mech
- 1 E3 Veh Driver
- 1 E3 Cook
- 1 E4 Pwr Gen & W Veh Mech
- 1 E3 Pwr Gen & W Veh Mech
- 1 E5 NBC Opns NCO
- 1 E3 Track Veh Mech

Equipment

- 1 Accessory outfit fld range
- 96 Bayonet
- 1 Binocular
- 1 Cabinet sp parts 18-drawer
- 1 Cabinet sp parts 35½H
- 1 Cable tel (¼ mi)
- 24 Camouflage screen sys
- 19 Camouflage screen spt sys
- 2 Charger radiac detector
- 1 Compass mag
- 1 Compressor rcp pwr driven
- 4 Heater immersion
- 1 Instal kit MK 1306
- 1 Instal kit MK 1554
- 2 Lchr gren 40mm
- 2 MG 7.62mm w/tripod
- 81 Mask CBR
- 1 Multimeter
- 6 Night vision goggles PVS-5
- 4 Night vision sight PVS-4
- 1 Pistol cal 45
- 1 Pwr sup assy
- 1 Radiac set
- 2 Radiacmeter IM-93
- 1 Radiacmeter IM-174
- 1 Radio set VRC-47
- 1 Radio set control gp GRA-39
- 2 Range outfit fld
- 1 Reeling machine RL-39
- 95 Rifle 5.56mm
- 1 Speech sec equip KY-38
- 2 Tel set TA-312
- 1 Shop equip auto maint
- 4 Tool kit mech
- 1 Tool kit carpenters
- 1 Tool kit sml arms repair
- 1 Tlr 1½T
- 1 Tlr ¼T
- 1 Tlr tk water
- 2 Trk 2½T
- 1 Trk 2½T w/winch
- 1 Trk ¼T

- 6 Watch wrist
- 1 Code changer key KYK-28
- 4 Lchr rocket M190
- 1 MG .50 w/mount
- 15 Mask protective tank

COMM SECTION

Personnel

- 1 E6 Tac Comm Ch
- 1 E4 Tac Wire Opns Sp
- 1 E3 Tac Wire Ops Sp

Equipment

- 1 Axle cable reel RL-27
- 7 Cable tel (1 mi)
- 6 Cable tel 2 cond fld wire
- 1 Detecting set mine
- 1 Detecting set mine PSS-11
- 1 Lchr gren 40mm
- 1 Reeling mach RL-31
- 1 Switchboard SB-22
- 5 Tel set TA-312

FB HQ

Personnel

- 1 Lt XO
- 1 Lt FDO
- 1 E7 Ch FB
- 1 E7 Gunnery Sgt
- 1 E6 Ch FD Comp
- 2 E5 FD Comp
- 4 E4 Assembler
- 3 E4 Chart Opr
- 1 E4 CP Carrier Driver
- 2 E4 FA Wpns Mech

Equipment

- 1 Accessory kit MK 1320
- 1 Accessory kit MK 1326
- 3 Aiming circle
- 1 Alarm CML (APC)
- 1 Alarm CML (¾T)
- 2 Antenna AT-984
- 4 Antenna RC-292
- 2 Binocular
- 5 Cable tel (¼ mi)
- 10 Camouflage screen sys
- 6 Camouflage screen spt sys
- 1 Carrier CP
- 1 Code changer key KYK-28
- 2 Compass mag
- 1 Computer gun dir
- 1 Demo set explosive
- 2 FD set arty
- 1 Generator 1.5kw (120V)
- 2 Generator 3kw AC
- 1 Generator 3kw DC
- 3 Headset microphone
- 1 Instal kit MK 1253
- 1 Instal kit MK 1644
- 1 Instal kit MK 1663
- 2 Lchr gren 40mm
- 1 Lt set gen illum
- 3 Plotting bd indir fire

- 2 Plotting set arty fire control
- 2 Pwr sup assy veh
- 1 Projectile atomic 8-in tng
- 1 Purging set, FC
- 2 Radiacmeter IM-93
- 1 Radiacmeter IM-174
- 1 Radio set VRC-46
- 2 Radio set VRC-47
- 3 Radio set cont gp GRA-39
- 3 Reeling mach cable hand RL-39
- 1 Reproducer sig data
- 2 Speech sec equip KY-38
- 1 Switchboard SB-993
- 1 Tel con/switching gp MX-155
- 5 Tel set TA-312
- 1 Test set comp logic unit
- 1 Tool kit FA mech
- 2 Tool kit spec wpns
- 2 Tool kit turret mech
- 2 Tlr 1½T
- 1 Trk 1¼T
- 2 Trk van shop

(4) HOWITZER SECTIONS

Personnel

- 4 E6 Sec Ch
- 4 E5 Gunner
- 4 E4 Asst Gunner
- 4 E4 Cargo Carrier Driver
- 4 E4 Motor Carriage Driver
- 32 E3 Cannoneer

Equipment

- 4 Accy kit MK 1295
- 4 Cable tel (¼ mi)
- 28 Camouflage screen sys
- 28 Camouflage screen spt sys
- 4 Carrier cargo tracked 6T
- 4 Compass mag
- 4 Headset microphone
- 4 Loudspeaker
- 4 MG 7.62mm w/tripod
- 4 MG .50 cal w/tripod mount
- 4 Reeling mach cable RL-39
- 4 Tel set TA-312
- 4 Tlr ammo 1½T
- 4 Howitzer 8 in

AMMO SECTION

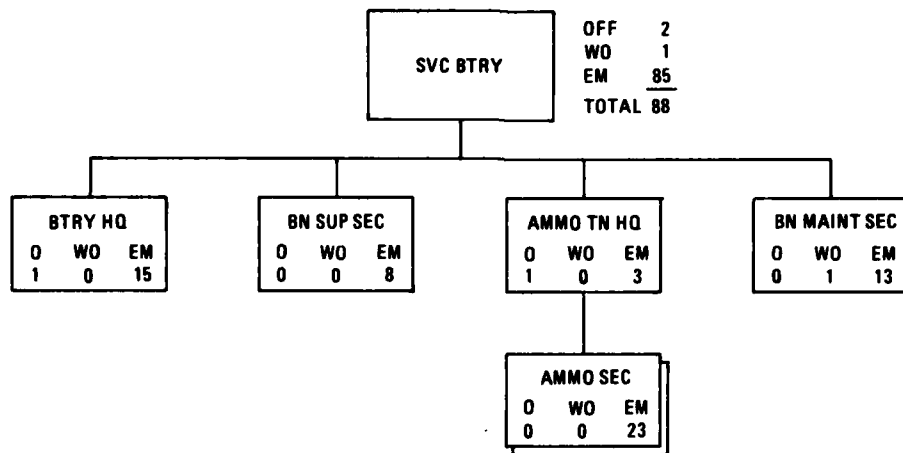
Personnel

- 1 E5 Sec Ch
- 1 E5 Hvy Veh Driver
- 4 E4 Hvy Veh Driver
- 2 E3 Ammo Hdlr

Equipment

- 2 Cable tel (¼ mi)
- 9 Camouflage screen sys
- 6 Camouflage screen spt sys
- 3 Lchr gren 40mm
- 3 MG 7.62mm w/tripod
- 1 Tel set TA-312
- 3 Tlr ammo 1½T
- 3 Trk cargo 8T

TOE 6-169H
SERVICE BATTERY, FIELD ARTILLERY BATTALION,
155/8, INFANTRY DIVISION



MISSION: To procure and distribute supplies of all classes to units of the battalion, to maintain appropriate supply records, and to perform organizational-level maintenance functions not otherwise accomplished within the battalion.

TOE 6-69H

BTRY HQ

Personnel

- 1 O3 BC
- 1 E8 1st Sgt
- 1 E6 Food Svc Sgt
- 1 E6 Sup Sgt
- 1 E6 Motor Sgt
- 1 E5 1st Cook
- 1 E4 Armorer
- 1 E4 Cook
- 1 E4 Equip Maint Clk
- 1 E3 Cook
- 1 E4 Tact Wire Opns Sp
- 1 E4 Pwr Gen & W Veh Mech
- 2 E3 Pwr Gen & W Veh Mech
- 1 E5 NBC Opns NCO
- 1 E3 Lt Veh Drvr

Equipment

- 1 Accessory outfit fld range
- 1 Alarm CML
- 1 Antenna RC-292
- 88 Bayonet
- 1 Binocular
- 1 Cabinet tool sp parts 18 drawer
- 1 Cabinet tool sp parts 35½H
- 2 Cable tel (¼ mi)
- 4 Cable tel 2 cond fld wire
- 24 Camouflage screen sys
- 24 Camouflage screen spt sys
- 2 Charger radiac
- 4 Coil tel repeating
- 1 Compass mag
- 1 Compressor
- 1 Detecting set mine
- 1 Detecting set mine PSS-11
- 1 Generator 1.5kw
- 4 Heater immersion
- 1 Instal kit MK 1306
- 1 Instal kit MK 1554
- 2 Lchr gren 40mm
- 86 Mask CBR
- 2 Mask prot TK
- 1 Night vision goggles PVS-5
- 2 Night vision sight individual wpns
- 3 Pistol cal 45
- 1 Pwr sup assy
- 1 Radiac set
- 2 Radiacmeter IM-93
- 1 Radiacmeter IM-174
- 1 Radio set VRC-47
- 1 Radio set control gp GRA-39
- 2 Range outfit fld
- 8 Reel DR-8
- 85 Rifle 5.56mm
- 1 Speech sec equip KY-38
- 1 Switchboard SB-22
- 6 Tel set TA-312
- 1 Shop equip auto maint
- 1 Code changer KYK-28

- 1 MG 50 cal w/mount
- 1 MG 762mm w/tripod
- 2 Sub MG cal 45
- 3 Tool kit mech
- 1 Tool kit carpenters
- 1 Tool kit sml arms
- 1 Tlr 1½T
- 1 Tlr ¼T
- 1 Tlr tk water
- 2 Trk 2½T
- 1 Trk 2½T w/winch
- 1 Trk ¼T
- 5 Watch wrist

BN SUPPLY SECTION

Personnel

- 1 E7 Supply Sgt
- 1 E5 Gen Supply Sp
- 2 E4 Gen Sup Sp
- 2 E3 Gen Supply Sp
- 2 E4 Fuel Handling Sp

Equipment

- 11 Camouflage screen sys
- 11 Camouflage screen spt sys
- 1 Lchr gren 40mm
- 2 Tk/pump unit
- 2 Yk unit liquid disp
- 1 Tel set TA-312
- 3 Tlr 1½T
- 2 Trk 2½T
- 2 Trk 5T w/winch

BN MAINT SECTION

Personnel

- 1 WO Autmv Maint Tech
- 1 E8 Motor Sgt
- 1 E5 Sr Recov Veh Opr
- 1 E4 Track Veh Mech
- 1 E4 Recov Veh Opr
- 1 E4 PLL Clk
- 1 E4 Welder
- 1 E4 Wrecker Opr
- 2 E3 Track Veh Mech
- 1 E5 Pwr Gen & W Veh Mech
- 1 E4 Pwr Gen & W Veh Mech
- 2 E3 Pwr Gen & W Veh Mech

Equipment

- 1 Accessory kit
- 1 Cabinet tool/sp parts 3 shelves
- 1 Cabinet tool/sp parts 35½H
- 16 Camouflage screen sys
- 16 Camouflage screen spt sys
- 1 Compressor
- 3 Generator set 1.5kw
- 2 Generator set 3kw
- 1 Heater duct type
- 1 Instal kit MK 1234
- 1 Lchr gren 40mm
- 1 MG 50 cal
- 1 Lt set gen illum
- 1 Lchr gren smk

- 1 Multimeter
- 2 Charger btry
- 1 Radio set GRC-160
- 1 Radio set VRC-64
- 1 Recov veh full tracked
- 1 Tel set TA-312
- 1 Shop equip auto maint
- 7 Tool kit mech
- 1 Tool kit welders
- 1 Tool set veh full tracked
- 1 Tlr ¼T
- 1 Tlr 1½T
- 1 Trk 2½T
- 1 Trk ¼T
- 1 Trk wrecker 10T

AMMO TRAIN HQ

Personnel

- 1 Lt Ammo Off
- 1 E7 Ammo Sgt
- 1 E4 Ammo Sp
- 1 E4 Ammo Clk

Equipment

- 1 Alarm CML
- 2 Camouflage screen sys
- 2 Camouflage screen spt sys
- 1 Demo set explosive
- 1 Instal kit MK 1817
- 2 Radiacmeter IM-93
- 1 Radiacmeter IM-174
- 1 Tool kit sp wpns
- 1 Tlr ¾T
- 1 Radio set VRC-46
- 1 Tel set TA-312
- 1 Trk 1¼T

(2) AMMUNITION SECTIONS

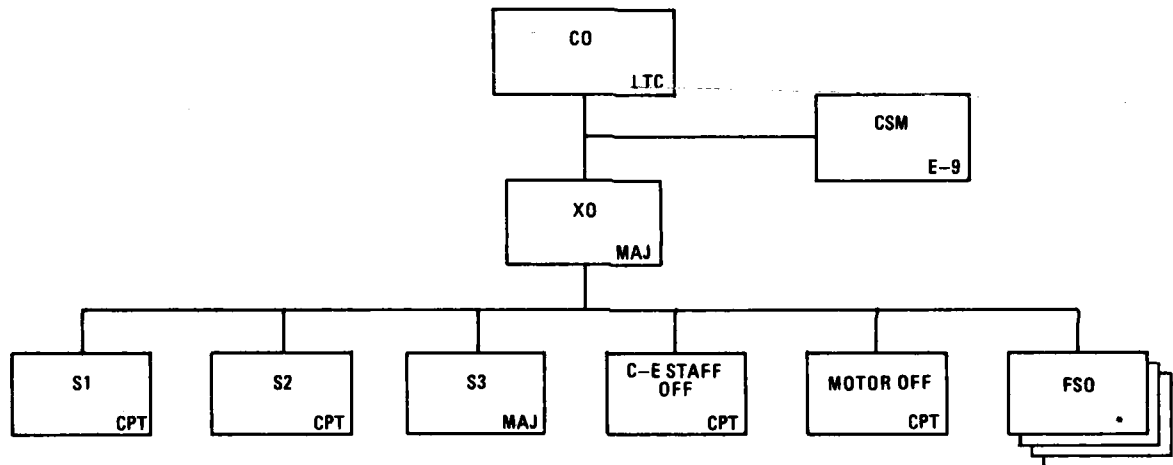
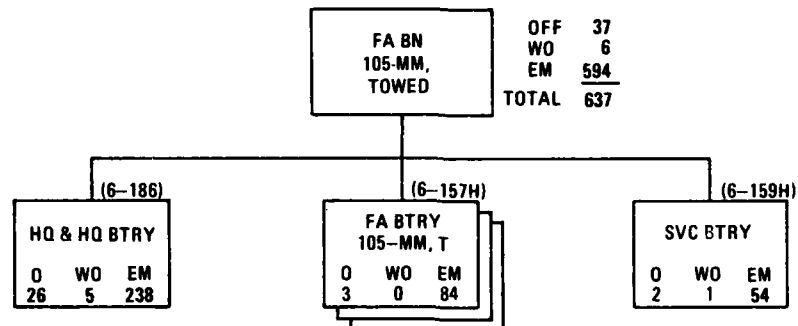
Personnel

- 2 E6 Sec Ch
- 2 E6 Hvy Veh Driver
- 6 E5 Hvy Veh Driver
- 12 E4 Hvy Veh Driver
- 24 E3 Ammo Handler

Equipment

- 24 Camouflage screen sys
- 24 Camouflage screen spt sys
- 4 Lchr gren 40mm
- 4 MG 7.62mm w/tripod
- 8 Night vision goggles
- 12 Tlr ammo 1½T
- 12 Trk 8T

TOE 6-185H
FIELD ARTILLERY BATTALION, 105-MM, TOWED,
SEPARATE INFANTRY BRIGADE



*1 MAJ; 3 CPT

TOE 6-185H

MISSION: To provide FA fires in direct support of a separate infantry brigade or in general support of the supported force and to reinforce the fires of other FA units.

SUMMARY — MAJOR ITEMS OF EQUIPMENT

TRANSPORTATION

| | |
|--------------------------|----|
| Trailer, ammo, 1 1/2-ton | 16 |
| Trailer, 1/4-ton | 36 |
| Trailer, 3/4-ton | 9 |
| Trailer, 1 1/2-ton | 10 |

| | |
|-------------------------------|----|
| Trailer, tank, water, 400 gal | 6 |
| Truck, ambulance, 1 1/4-ton | 1 |
| Truck, 1 1/4-ton | 20 |
| Truck, 2 1/2-ton | 32 |
| Truck, 2 1/2-ton, w/winch | 23 |
| Truck, 5-ton | 1 |
| Truck, 1/4-ton | 42 |
| Truck, wrecker, 5-ton | 1 |
| Carrier, personnel | 1 |

MATERIEL

| | |
|-------------------------------|-----|
| Howitzer, lt, towed, 105-mm | 18 |
| Launcher, grenade, 40-mm | 48 |
| Machinegun, 7.62-mm, w/tripod | 44 |
| Pistol, cal 45 | 18 |
| Rifle, 5.56-mm | 569 |
| Machinegun, cal 50 | 10 |

COMMUNICATIONS

| | |
|-------------------------------------|-----|
| Antenna, AT-984/G | 21 |
| Antenna, RC-292 | 36 |
| Axle, cable, reel, RL-27 | 7 |
| Cable, assy, tel | 2 |
| Cable, assy, tel, 15 ft | 4 |
| Cable, tel, WD-1/TT, DR-8, 1/4-mi | 192 |
| Cable, tel, WD-1/TT, RL-159/U, 1 mi | 56 |
| Cable, tel, WD-1/TT, fld wire | 32 |
| Code changer, key KYK-28/TSEC | 10 |
| Coil, tel repeating | 12 |
| Electronic TT security equip | |
| TSEC/KW-7 | 2 |
| Headset microphone | 33 |
| Inverter vibrator | 3 |
| Radio set AN/GRC-160 | 29 |
| Radio set AN/PRC-77 | 32 |
| Radio set AN/VRC-46 | 17 |
| Radio set AN/VRC-47 | 23 |
| Radio set AN/VRC-48 | 1 |

| | |
|--------------------------------------|-----|
| Radio set AN/VRC-49 | 5 |
| Radio set AN/VRC-64 | 2 |
| Radio set control gp AN/GRA-39 | 52 |
| RTT set AN/GRC-142 | 2 |
| Reeling machine, cable, hand, RL-31 | 8 |
| Reeling machine, cable, hand, RL-39 | 113 |
| Reeling machine, cable, motor driven | 4 |
| Reproducer, signal data | 4 |
| Speech security equip TSEC/KY-38 | 32 |
| Splicing kit, tel, cable | 4 |
| Switchboard, SB-22 | 8 |
| Switchboard, SB-993/GT | 16 |
| Tac Digital regenerative repeater | 5 |
| Telephone, conn/switching gp | |
| MX-155/GT | 3 |
| Telephone set TA-1/PT | 8 |
| Telephone set TA-312/PT | 154 |

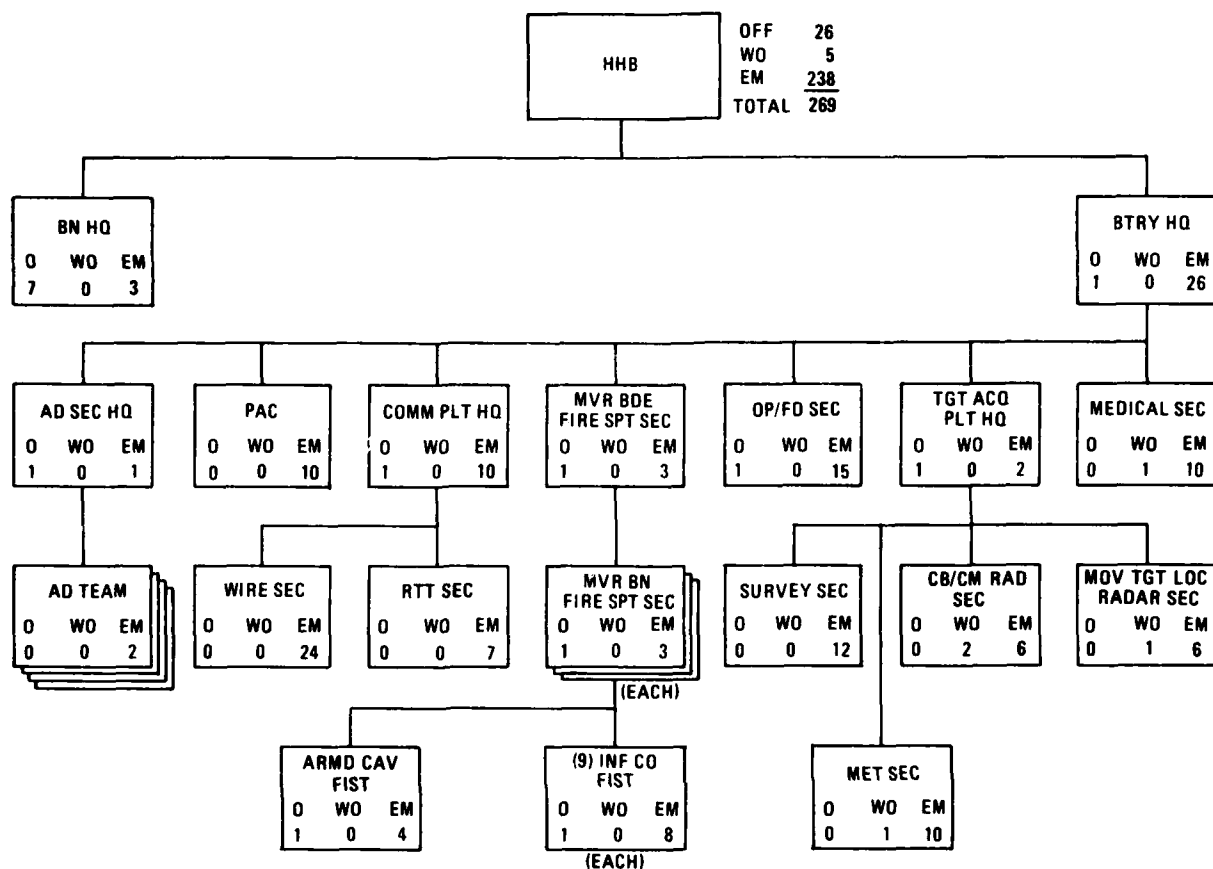
GUNNERY

| | |
|--------------------------------------|----|
| Aiming circle | 13 |
| Computer, gun direction | 4 |
| Duplicating machine, spirit, process | 1 |
| Duplicating machine, stencil | 1 |
| FD set, arty | 10 |
| Plotting board, indir fire | 12 |
| Plotting set, arty, fire control | 10 |
| Range finder (Laser) | 19 |

TARGET ACQUISITION

| | |
|------------------------------------|---|
| Barometer, aneroid | 1 |
| Met station, manual | 1 |
| Periscope, BC | 2 |
| Radar TPQ-36 | 1 |
| Radar set AN/TPS-25 | 1 |
| Radiosonde, baseline check sta | 1 |
| Rawin set | 1 |
| Recording set, weather data | 1 |
| Surveying instr, az gyro | 2 |
| Surveying set, arty, fire control, | |
| 4th order | 2 |
| Theodolite survey | 2 |
| Surveying instr, infrared | 2 |

TOE 6-186H
HEADQUARTERS AND HEADQUARTERS BATTERY, FIELD ARTILLERY BATTALION,
105-MM, TOWED, SEPARATE INFANTRY BRIGADE



MISSION: To direct and coordinate operations of the battalion and to provide facilities with which the battalion commander can control the battalion.

TOE 6-186H**BN HQ****Personnel**

1 05 Bn Cmdr
 1 04 XO
 1 04 S3
 1 03 C-E Stf Off
 1 03 Motor Off
 1 03 S1
 1 03 S2
 1 E9 CSM
 2 E3 Veh Drvr

Equipment

2 Binocular
 2 Camouflage screen sys
 2 Camouflage screen spt sys
 2 Comapss mag
 2 Instal kit MK 1306
 2 Instal kit MK 1554
 1 Night vision goggles
 2 Pwr sup assy
 2 Radio set AN/VRC-47
 2 Speech sec equip KY-38
 2 Tlr 1/4T
 2 Trk 1/4T

BTRY HQ**Personnel**

1 03 BC
 1 E8 1st Sgt
 1 E7 Food Svc Sgt
 1 E6 Motor Sgt
 1 E6 Supply Sgt
 1 E6 1st Cook
 1 E5 Cook
 1 E4 Armorer
 2 E4 Cook
 1 E4 Equip Maint Clk
 1 E4 PLL Clk
 1 E3 Veh Driver
 2 E3 Cook
 1 E3 Gen Supplyman
 2 E5 Pwr Gen & W Veh Mech
 4 E4 Pwr Gen & W Veh Mech
 3 E3 Pwr Gen & W Veh Mech
 1 E5 Track Veh Mech
 1 E4 Track Veh Mech

Equipment

1 Accessory outfit fld range
 1 Alarm CML
 258 Bayonet
 1 Binocular
 1 Cabinet tool/sp parts w/drws
 1 Cabinet tool/sp parts 35 1/2H
 24 Camouflage screen sys
 24 Camouflage screen spt sys
 3 Charger radiac detector
 1 Compass mag
 1 Compressor
 13 Heater immersion

1 Instal kit MK 1234
 1 Lchr gren 40mm
 4 Lchr rkt practice
 1 MG cal 50 w/mount
 2 MG 7.62mm w/tripod
 1 Multimeter
 266 Mask CBR
 3 Mask prot tk
 4 Night vision goggles
 2 Night vision sight PVS-4
 14 Pistor cal 45
 6 Radiacmeter IM-93
 1 Radiacmeter IM-174
 1 Radio set VRC-64
 4 Range outfit fld
 255 Rifle 5.56mm
 1 Shop auto maint/repair
 5 Tel set TA-312
 11 Tool kit mech
 1 Tool kit carpenters
 1 Tool kit sml arms
 1 Tlr 1/4 T
 1 Tlr 1 1/2T
 1 Tlr tk water
 2 Trk 2 1/2T
 1 Trk 2 1/2T w/winch
 1 Trk 1/4T
 17 Watch wrist

PAC**Personnel**

1 E7 PAC Supvr
 1 E6 Reenlist NCO
 1 E6 Pers Stf NCO
 1 E5 Legal Clk
 1 E5 PAC Clk
 1 E4 Clk Typist
 1 E4 PAC Clk
 2 E3 PAC Clk
 1 E3 Veh Driver

Equipment

5 Camouflage screen sys
 5 Camouflage screen spt sys
 1 Duplicating mach spirit process
 3 Tel set TA-312
 1 Tlr 3/4T
 1 Tk 1 1/4T

OPS/FD SECTION**Personnel**

1 03 FDO
 1 E8 Opns Sgt
 1 E7 Ch FD Comp
 1 E6 Asst Ch FD Comp
 1 E6 NBC Opns/Stf NCO
 4 E5 FD Comp
 2 E4 Chart Opr
 1 E4 Clk Typist
 2 E4 Opns Sp
 1 E3 Veh Driver
 1 E4 Tact Wire Opns Sp

Equipment

1 Alarm chem agent
 1 Antenna AT-984
 6 Antenna RC-292
 2 Binocular
 6 Cable tel DR-8 (1/4 mi)
 13 Camouflage screen sys
 13 Camouflage screen spt sys
 2 Code changer key KYK-28
 2 Compass mag
 1 Computer gun dir
 1 Duplicating mach stencil
 4 FD set arty
 1 Generator 1.5kw 120V
 2 Generator 1.5kw 28V
 2 Generator 3kw
 4 Headset microphone
 4 Instal kit (VRC-46)
 1 Instal kit MK 1553
 1 Instal kit MK 1556
 2 Instal kit MK 1629
 1 Instal kit MK 1306
 1 Lchr gren 40mm
 1 Light set gen
 3 Plotting board
 2 Plotting set arty FC
 4 Pwr sup assy
 6 Radio set VRC-46
 1 Radio set VRC-47
 6 Radio set VRC-64
 6 Radio set cont gp GRA-39
 6 Reeling mach RL-39
 6 Tel set TA-312
 4 Speech sec equip KY-38
 1 Switchboard SB-22
 1 Tlr 1/4T
 1 Tlr 1 1/2T
 1 Tlr 3/4T
 1 Trk 1 1/4T
 1 Trk 2 1/2T
 1 Trk 1/4T

TGT ACQ PLAT HQ**Personnel**

1 Lt Plat Cmdr
 1 E8 Intel Sgt
 1 E3 Veh Driver

Equipment

2 Binocular
 1 Camouflage screen sys
 1 Camouflage screen spt sys
 2 Compass mag
 1 Instal kit MK 1306
 2 Radiacmeter IM-93
 1 Radiacmeter IM-174
 1 Radio set VRC-47
 1 Tlr 1/4T
 1 Trk 1/2T

SURVEY SECTION**Personnel**

1 E7 Ch Surveyor

- 2 E6 Ch Survey Party
- 2 E5 Survey Comp
- 2 E5 Survey Comp/Recorder
- 2 E4 Instr Opr
- 1 E3 Veh Driver
- 2 E3 Rodman/Tapeman

Equipment

- 2 Aiming Circle
- 4 Binocular
- 5 Camouflage screen sys
- 5 Camouflage screen spt sys
- 1 Charger btry
- 4 Compass mag
- 3 Instal kit MK 1234
- 1 Instal kit MK 1246
- 2 MG 7.62mm w/tripod
- 1 Night vision sight TVS-4
- 2 Periscope BC
- 4 Radio set GRC-160
- 1 Radio set VRC-46
- 2 Surveying instr az gyro
- 2 Surveying set arty 4th Order
- 2 Survey instr DME
- 2 Theodolite survey
- 2 Trk 1 1/4T
- 3 Trk 1/4T

CB/CM RADAR SECTION

Personnel

- 2 WO FA Radar Tech
- 1 E6 Sec Ch
- 1 E5 Radar Opr
- 3 E4 Radar Opr
- 1 E4 Radar Rpr

Equipment

- 1 Aiming circle
- 1 Antenna RC-292
- 5 Camouflage screen sys
- 4 Camouflage screen sys radar tran
- 6 Camouflage screen spt sys
- 1 Compass mag
- 1 Generator 1.5kw
- 1 Instal kit (VRC-46) MK 1234
- 1 Instal kit MK 1246
- 1 Lchr gren 40mm
- 2 Multimeter
- 1 Radar set AN/TPQ-36
- 3 Radio set VRC-46
- 1 Radio set GRC-160
- 1 Speech sec equip KY-38
- 1 Test set comp
- 1 Tool kit elec equip
- 1 Radio set control gp GRA-39
- 1 Reeling mach RL-31
- 1 Plotting set arty FC
- 3 Tel set TA-312
- 1 Tool kit mech
- 1 Tlr 3/4T
- 2 Trk 1/4T
- 1 Inverter vibrator
- 1 Light tgt surveying

MOV TGT LOC RADAR SEC

Personnel

- 1 E6 Sec Ch
- 1 E5 FA Radar Opr
- 1 E4 Wpns Spt Radar Rpr
- 2 E4 FA Radar Opr
- 1 E4 Pwr Gen & W Veh Mech
- 1 WO FA Radar Tech

Equipment

- 1 Aiming circle
- 1 Antenna RC-292
- 2 Cable tel DR-8 (1/4 mi)
- 6 Camouflage screen sys
- 1 Camouflage screen sys radar tran
- 7 Camouflage screen spt sys
- 1 Generator 1.5kw
- 2 Generator 3kw
- 1 Instal kit (VRC-46)
- 1 Inverter vibrator
- 1 Multimeter
- 1 Oscilloscope
- 1 Plotting set
- 1 Radar set TPS-25
- 1 Radio set VRC-46
- 1 Radio set cont gp GRA-39
- 2 Reeling mach RL-39
- 1 Tool kit mech
- 1 Tlr 3/4T
- 1 Tlr 1 1/2T
- 1 Trk 1 1/4T
- 1 Trk 2 1/2T
- 3 Tel set TA-312
- 1 Test set elec tube

MET SECTION

Personnel

- 1 WO Met Tech
- 1 E7 Met Sec Ch
- 1 E6 FA Met Crewman
- 2 E5 FA Met Crewman
- 3 E4 FA Met Crewman
- 3 E3 FA Met Crewman

Equipment

- 1 Antenna RC-292
- 1 Barometer
- 1 Binocular
- 1 Cable tel DR-8
- 1 Calibrator freq
- 11 Camouflage screen sys
- 11 Camouflage screen spt sys
- 1 Compass mag
- 1 Generator 5kw
- 1 Instal kit
- 1 MG 7.62mm w/tripod
- 1 Met sta manual
- 1 Multimeter
- 1 Radio set VRC-46
- 1 Radio set cont gp GRA-39
- 1 Radiosonde
- 1 Rawin set

- 1 Recording set weather
- 1 Reeling mach RL-39
- 1 Tel set TA-312
- 1 Test set elec tube
- 1 Took kit elec equip
- 1 Trl 1 1/2T
- 1 Tlr tk wtr
- 1 Trk 1 1/4T
- 2 Trk 2 1/2T

COMM PLAT HQ

Personnel

- 1 Lt Plat Ldr
- 1 E8 Tact Comm Ch
- 1 E3 Veh Driver
- 2 E5 Tact Comm Sys Supv
- 2 E4 Tact Comm Sys Op/Mech
- 1 E4 Tact Wire Opns Sp
- 1 E3 Tact Wire Opns Sp
- 2 Tact Comm Sys Op/Mech

Equipment

- 2 Antenna RC-292
- 1 Binocular
- 1 Cable tel Dr-8 (1/4 mi)
- 6 Camouflage screen sys
- 6 Camouflage screen spt sys
- 1 Code changer key KYK-28
- 1 Compass mag
- 1 Detecting set mine
- 1 Detecting set mine PSS-11
- 1 Generator 1.5kw
- 1 Instal kit MK 1224
- 1 Instal kit MK 1552
- 1 Instal kit MK 1646
- 1 Inverter vibrator
- 1 Lchr gren 40mm
- 1 Multimeter
- 1 Pwr sup assy veh
- 2 Radiacmeter IM-93
- 1 Radiacmeter IM-174
- 1 Radio set VRC-49
- 1 Radio set control gp GRA-39
- 1 Reeling mach cable RL-39
- 1 Reproducer sig data
- 1 Speech sec equip KY-38
- 1 Tac digital regen repeater
- 2 Tel set TA-312
- 1 Test btry
- 1 Test set comp logic
- 1 Test sec elec tube
- 1 Test set radio
- 1 Test set radio freq
- 3 Tool kit elec equip
- 1 Tlr 1/4T
- 1 Trk 1 1/4T
- 1 Trk 1/4T

WIRE SECTION

Personnel

- 1 E6 Tact Comm Ch
- 4 E5 Tact Wire Opns Tm Ch
- 5 E4 Tac wire Ops Sp
- 14 Tac Wire Ops Sp

Equipment

- 4 Axle cable reel RL-27
- 2 Cable assy tel CX 4566
- 4 Cable assy tel CX 4760
- 35 Cable tel RL-159 (1 mi)
- 10 Cable tel 2 cond fld wire
- 9 Camouflage screen sys
- 9 Camouflage screen spt sys
- 8 Coil tel repeating
- 4 Lchr gren 40mm
- 4 MG 7.62mm w/tripod
- 4 Splicing kit
- 3 Switchboard SB-22
- 8 Tel set TA-312
- 4 Trk 1/4T
- 1 Trk 1/4T
- 4 Reeling mach cable RL-31
- 4 Reeling mach motor

RADIO SECTION**Personnel**

- 2 E5 RATT Opns Tm Ch
- 2 E4 RATT Opr
- 2 E3 RATT Opr
- 1 E6 RATT Opns Spr

Equipment

- 2 Cable tel DR-8 (1/4 mi)
- 6 Camouflage screen sys
- 6 Camouflage screen spt sys
- 2 Elec TT sec equip KW-7
- 2 Generator 5kw
- 2 Headset microphone
- 2 RATT GRC-142
- 2 Reeling mach RL-39
- 2 Tel set TA-312
- 2 Trk 1/4T

(3) MANEUVER BN FIRE SUPPORT SECTIONS**Personnel**

- 3 O3 FSO
- 3 E7 FS Sgt
- 6 E4 FS Sp

Equipment

- 3 Antenna AT-984
- 3 Antenna RC-292
- 6 Binocular
- 12 Cable tel DR-8 (1/4 mi)
- 6 Camouflage screen sys
- 6 Camouflage screen spt sys
- 3 Charger battery
- 6 Compass mag
- 3 Generator 1.5kw
- 3 Instal kit MK 1224
- 3 Instal kit MK 1552
- 3 Instal kit MK 1646
- 3 Lchr gren 40mm
- 3 Pwr sup assy veh
- 3 Radio set PRC-77
- 3 Radio set VRC-49
- 6 Radio set control gp GRA-39

- 6 Reeling mach RL-39
- 3 Speech sec equip KY-38
- 3 Switchboard SB-993
- 3 Tac digital regen repeater
- 6 Tel set TA-312
- 3 Tlr 1/4T
- 3 Trk 1/4T

MEDICAL SECTION**Personnel**

- 1 WO Physician's Asst
- 1 E6 Sec Sgt
- 1 E6 Pract Nurse
- 1 E5 Medical Aide
- 4 E4 Btry Aidman
- 1 E4 Medical Aide
- 1 E4 Ambulance Driver
- 1 E3 Ambulance Attendant

Equipment

- 1 Blanket set bed
- 9 Camouflage screen sys
- 9 Camouflage screen spt sys
- 10 Mask headwound
- 1 Medical equip set bn aid sta
- 1 Gen set 1.5kw
- 1 Light set gen illum
- 1 Night vision goggle
- 1 Radiac set
- 1 Splint set
- 8 Surgical instr/sup set
- 1 Tel set TA-312
- 1 Tlr 3/4T
- 1 Trk amb 1 1/4T
- 1 Trk 1 1/4T
- 1 Watch wrist

AIR DEFENSE SECTION**Personnel**

- 1 Lt Section Leader
- 1 E6 Sec Sgt

Equipment

- 1 Cable tel DR-8 (1/4 mi)
- 1 Camouflage screen sys
- 1 Camouflage screen spt sys
- 1 Code changer key KIK-18
- 1 Gen set 1.5kw
- 1 Interrogator set
- 1 Interrogator computer
- 1 Programmer interrogator
- 1 Tng set GM sys (Stinger)
- 1 Tng set GM sys (Redeye)
- 1 Display set tgt alert
- 1 Instal kit MK 1225
- 1 Radio set VRC-48
- 1 Radio set control gp GRA-39
- 1 Reeling mach RL-39
- 1 Tel set TA-312
- 1 Tlr 1/4T
- 1 Trk 1/4T

(4) AIR DEFENSE TEAMS**Personnel**

- 4 E5 Tm Ch
- 4 E4 Gunner

Equipment

- 8 Binocular
- 4 Cable tel DR-8 (1/4 mi)
- 4 Camouflage screen sys
- 4 Camouflage screen spt sys
- 4 Display set tgt alert
- 4 Harness SM equip trans
- 3 Interrogator set (Stinger)
- 4 Radiachmeter IM-93
- 4 Radiachmeter IM-174
- 4 Trainer Handling GM lchr
- 4 Intel kit MK 1234
- 4 Radio set GRC-160
- 4 Reeling mach cable RL-39
- 8 Tel set TA-1
- 4 Tlr 1/4T
- 4 Trk 1/4T
- 8 Watch wrist

MANEUVER BDE FS SECTION**Personnel**

- 1 O3 FSO
- 1 E7 FS Sgt
- 2 E4 FS Sp

Equipment

- 1 Antenna AT-984
- 1 Antenna RC-292
- 2 Binocular
- 4 Cable tel DR-8 (1/4 mi)
- 1 Camouflage screen sys
- 1 Camouflage screen spt sys
- 2 Compass mag
- 1 Generator 1.5kw (28V)
- 1 Instal kit MK 1224
- 1 Instal kit MK 1552
- 1 Instal kit MK 1646
- 1 Lchr gren 40mm
- 1 Pwr sup assy veh
- 1 Radio set PRC-77
- 1 Radio set VRC-49
- 2 Radio set control gp GRA-39
- 2 Reeling mach RL-39
- 1 Speech sec equip KY-38
- 1 Switchboard Sb-993
- 1 Tac digital regen repeater
- 2 Tel set TA-312
- 1 Tlr 1/4T
- 1 Trk 1/4T

(9) INF COMPANY FIST's**Personnel**

- 9 Lt FIST Ch
- 9 E6 FS Sgt
- 27 E5 FO
- 9 E4 FS Sp
- 27 E3 RTO

Equipment

- 9 Antenna AT-984
- 9 Antenna RC-292
- 45 Binocular
- 108 Cable tel DR-8 (1/4 mi)
- 18 Camouflage screen sys
- 18 Camouflage screen spt sys
- 45 Compass mag
- 9 Generator 1.5kw
- 18 Instal kit MK 1234
- 9 Instal kit MK 1306
- 9 Instal kit MK 1554
- 9 Lchr gren 40mm
- 9 Night vision goggles
- 9 Night vision sight TVS-5
- 9 Pwr sup assy veh
- 18 Radio set GRC-160
- 27 Radio set PRC-77
- 9 Radio set VRC-47
- 18 Radio set control gp GRA-39
- 18 Range finder laser
- 54 Reeling mach RL-39
- 9 Speech sec equip KY-38
- 9 Swbd tel man SB-993
- 45 Tel set TA-312
- 18 Tlr 1/4T
- 18 Trk 1/4T

ARMD CAV FIST

Personnel

- 1 Lt FIST Ch
- 1 E6 FS Sgt
- 1 E4 FS Sp
- 2 E3 RTO

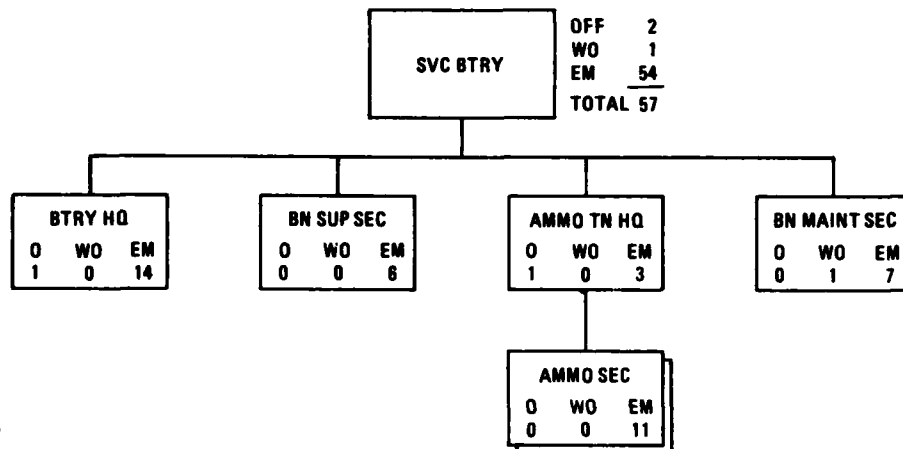
Equipment

- 2 Accy kit MK 1265
- 1 Accy kit MK 1266
- 1 Antenna AT-984
- 1 Antenna RC-292
- 3 Binocular
- 4 Cable tel DR-8 (1/4 mi)
- 2 Camouflage screen sys
- 2 Camouflage screen spt sys
- 1 Carrier personnel track
- 2 Compass mag
- 1 Generator 1.5kw
- 1 Instal kit MK 1626
- 1 Lchr gren 40mm
- 1 Night vision goggles
- 1 Night vision sight TVS-5
- 1 Pwr sup assy veh
- 2 Radio set GRC-160
- 1 Radio set PRC-77
- 1 Radio set VRC-47
- 2 Radio set control gp GRA-39
- 1 Range finder laser
- 3 Reeling mach RL-39
- 1 Speech sec equip KY-38
- 2 Tel set TA-312
- 1 MG .50 w/mount

TOE 6-157H
FIELD ARTILLERY BATTERY, FIELD ARTILLERY BATTALION
105-MM, TOWED, SEPARATE INFANTRY BRIGADE

FOR ORGANIZATION AND EQUIPMENT SEE INFANTRY DIV ARTY

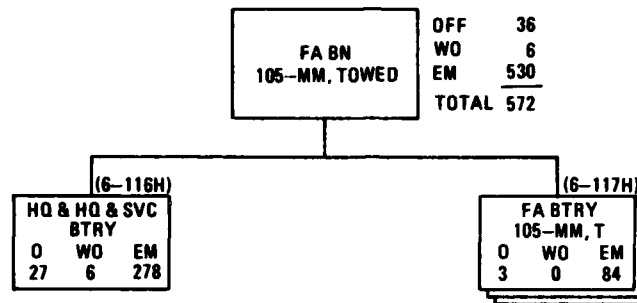
TOE 6-159H
 SERVICE BATTERY, FIELD ARTILLERY BATTALION,
 105-MM, TOWED, SEPARATE INFANTRY BRIGADE



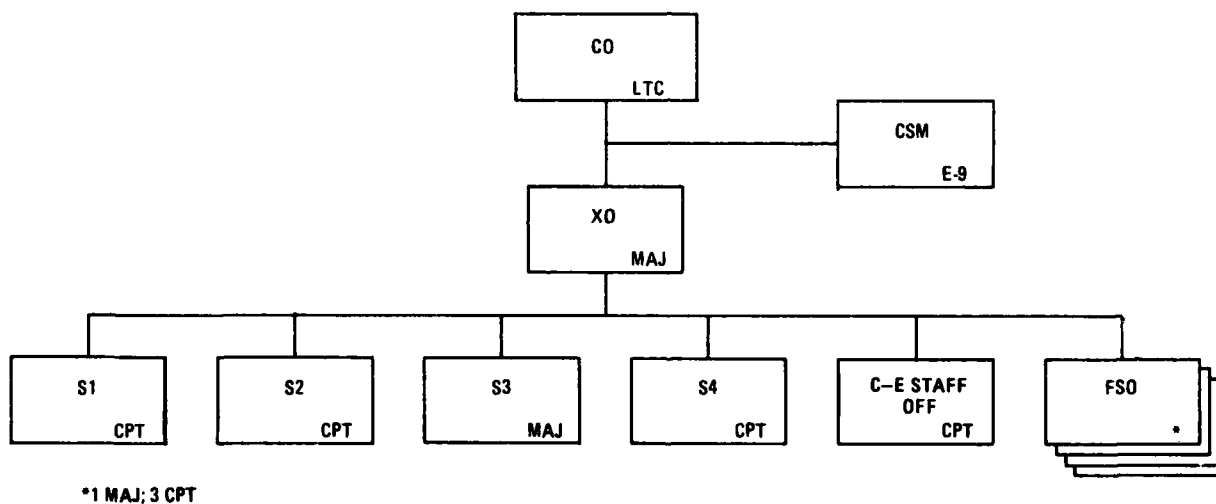
MISSION: To procure and distribute supplies of all classes to units of the battalion, to maintain appropriate supply records, and to perform organizational level maintenance functions not otherwise accomplished within the battalion.

FOR ORGANIZATION AND EQUIPMENT SEE INFANTRY DIV ARTY.

**TOE 6-115H
FIELD ARTILLERY BATTALION, 105-MM, TOWED,
SEPARATE LIGHT INFANTRY BRIGADE**



STAFF (TOE 6-116H)



TOE 6-115H

MISSION: To provide FA fires in direct support of a separate light infantry brigade and to reinforce the fires of other FA units.

SUMMARY — MAJOR ITEMS OF EQUIPMENT

TRANSPORTATION

Trailer, ammo 1 1/4-ton
Trailer, 1/4-ton
Trailer, 3/4-ton
Trailer, 1 1/2-ton
Trailer, tank, water, 400 gal
Truck, ambulance, 1 1/4-ton
Truck, 1 1/4-ton
Truck, 2 1/2-ton
Truck, 2 1/2-ton, w/winch
Truck, 1/4-ton
Truck, wrecker, 5-ton

16
36
9
8
5
1
26
28
23
43
1

MATERIEL

Howitzer, lt towed, 105-mm
Launcher, grenade, 40-mm
Machinegun, 7.62-mm, w/tripod
Machinegun, cal 50
Pistol, cal 45
Rifle, 5.56-mm

18
48
46
8
16
557

COMMUNICATIONS

Antenna, AT-984
Antenna, RC-292
Axle, cable, reel, RL-27
Cable, assy, tel
Cable, assy, tel, 15 ft
Cable, tel, WD-1/TT, DR-8, 1/4-mi
Cable, tel, WD-1/TT, RL-159/U, 1 mi
Cable, tel, WD-1/TT, fld wire
Code changer key KYK-28/TSEC
Coil, tel repeating
Electronic TT security equip
TSEC/KW-7
Inverter vibrator
Radio set AN/GRC-160
Radio set AN/PRC-77
Radio set AN/VRC-46
Radio set AN/VRC-47

21
37
8
2
4
194
56
28
7
8
2
1
30
32
16
22

Radio set AN/VRC-48
Radio set AN/VRC-49
Radio set control gp AN/GRA-39
RTT set AN/GRC-142
Reeling machine, hand, cable, RL-31
Reeling machine, hand, cable, RL-39
Reeling machine, cable, motor driven
Reproducer, signal data
Speech security equip TSEC/KY-38
Splicing kit, tel, cable
Switchboard, SB-22
Switchboard, SB-993
Tac digital regenerative repeater
Telephone set TA-312/PT

1
5
51
2
8
102
4
1
33
4
7
16
5
156

GUNNERY

Aiming circle
Computer, gun direction
Duplicating machine, stencil
FD set, arty
Plotting board, indir fire
Plotting set, arty, fire control
Range finder (Laser)

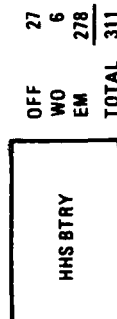
13
4
2
10
12
10
19

TARGET ACQUISITION

Night vision goggles
Night vision sight crew svd wpns
Night vision sight indiv svd wpns
Periscope, BC
Radar set TPS-25
Survey instr, az gyro
Surveying set, arty, fire control,
4th order
Surveying set, arty, fire control,
5th order
Theodolite survey
Survey instr, infrared

33
10
18
2
1
2
2
2
1
2
2

TOE 6-116H



b. To procure and distribute supplies of all classes to units of the battalion, to maintain appropriate supply records, and perform motor maintenance function not otherwise accomplished within the battalion.

TOE 6-116H**BN HQ****Personnel**

1 05 Bn Cmdr
 1 04 XO
 1 04 S3
 1 03 C-E Stf Off
 1 03 S1
 1 03 S2
 1 03 S4
 1 E9 CSM
 1 E3 Veh Drvr

Equipment

1 Binocular
 2 Camouflage screen sys
 2 Camouflage screen spt sys
 1 Compass mag
 1 Instal kit MK 1306
 1 Instal kit MK 1554
 1 Pwr sup assy
 1 Radio set VRC-47
 1 Speech sec equip KY-38
 1 Tlr 1/4T
 1 Trk 1/4T

BTRY HQ**Personnel**

1 03 BC
 1 E8 1st Sgt
 1 E7 Food Svc Sgt
 1 E6 Motor Sgt
 1 E6 Supply Sgt
 1 E6 1st Cook
 1 E5 Cook
 1 E5 Gen Sup Sp
 1 E4 Armorer
 2 E4 Cook
 1 E4 Equip Maint Clk
 1 E4 Gen Supply Sp
 1 E3 Veh Driver
 3 E3 Cook
 2 E5 Pwr Gen & W Veh Mech
 3 E4 Pwr Gen & W Veh Mech
 2 E3 Pwr Gen & W Veh Mech
 1 E3 Gen Sup Sp

Equipment

2 Accy outfit fld range
 1 Alarm CML
 302 Bayonet
 1 Binocular
 1 Cabinet tool/sp parts w/18 drawers
 1 Cabinet tool/sp parts 35 1/2 H
 24 Camouflage screen sys
 24 Camouflage screen spt sys
 3 Changer radiac detector
 1 Compass mag
 1 Compressor
 17 Heat immersion
 1 Instal kit MK 1234

1 Lchr gren 40mm
 4 Lchr rkt practice
 1 MG cal 50 w/mount
 1 MG 7.62mm w/tripod
 5 Night vision goggles
 6 Night vision sight PVS-4
 13 Pistol cal 45
 2 Radiacmeter IM-93
 1 Radiacmeter IM-174
 1 Radio set GRC-160
 5 Range outfit fld
 299 Rifle 5.56mm
 5 Tel set TA-312
 1 Shop equip auto maint
 7 Tool kit mech
 1 Tool kit carpenters
 1 Tool kit sml arms
 1 Tlr 1/4T
 1 Tlr 1 1/2T
 1 Tlr tk wtr
 2 Trk 2 1/2T
 1 Trk 2 1/2T w/winch
 1 Trk 1/4 T
 19 Watch wrist
 312 Mask CBR

PAC**Personnel**

1 E7 PAC Supvr
 1 E6 Pers Stf NCO
 1 E6 Reenlist NCO
 1 E5 Legal Clk
 1 E5 PAC Clk
 1 E4 Clk Typist
 1 E4 PAC Clk
 1 E3 Veh Driver
 2 E3 PAC Clk

Equipment

1 Binoculars
 6 Camouflage screen sys
 6 Camouflage screen spt sys
 1 Compass mag
 1 Duplicating mach stencil
 1 Instal kit MK 1817
 1 Radio set VRC-46
 2 Tel set TA-312
 1 Tlr 3/4T
 1 Trk 1/4T
 1 Trk 1 1/4T

OPS-FD SECTION**Personnel**

1 03 FDO
 1 E8 Ops Sgt
 1 E7 Ch Fd Comp
 1 E6 Asst Ch FD Comp
 1 E6 Chem/NCO
 4 E5 FD Comp
 3 E4 Chart Opr
 1 E4 Clk Typist
 1 E4 Ops Sp
 1 E4 Tact Wire Opns Sp

1 E3 Veh Driver**Equipment**

1 Alarm CML
 1 Antenna AT-984
 6 Antenna RC-292
 2 Binocular
 6 Cable tel DR-8 (1/4 mi)
 10 Camouflage screen sys
 10 Camouflage screen spt sys
 1 Code changer KYK-28
 2 Compass mag
 1 Computer gun dir
 1 Duplicating mach stencil
 4 FD set arty
 1 Generator 1.5kw (120V)
 2 Generator 1.5kw (28V)
 2 Generator 3kw
 4 Headset microphone
 4 Instal kit MK (VRC-46)
 1 Instal kit MK 1306
 1 Instal kit MK 1553
 1 Instal kit MK 1554
 2 Instal kit MK 1629
 2 Instal kit MK 1817
 1 Lchr gren 40mm
 1 Light set gen illum
 3 Plotting board
 2 Plotting set fire control
 4 Pwr sup assy veh
 6 Radio set VRC-46
 1 Radio set VRC-47
 6 Radio set control gp GRA-39
 5 Reeling mach RL-39
 2 Speech sec equip KY-38
 1 Switchboard SB-22
 6 Tel set TA-312
 1 Tlr 1/4T
 1 Tlr 3/4T
 1 Trk 1 1/4T
 1 Tlr 1 1/2T
 1 Trk 2 1/2T
 1 Trk 1/4T

TGT ACQ PLATOON HQ**Personnel**

1 Lt Plat Cmdr
 1 E8 Intel Sgt
 1 E3 Veh Driver

Equipment

1 Binocular
 1 Camouflage screen sys
 1 Camouflage screen spt sys
 1 Charger btry
 1 Compass mag
 1 Instal kit MK 1306
 2 Radiacmeter IM-93
 1 Radiacmeter IM-174
 1 Radio set VRC-47
 1 Trk 1/4T
 1 Watch wrist

METEOROLOGICAL SEC

Personnel

- 1 WO Met Tech
- 1 E7 Met Sec Chief
- 1 E6 FA Met Crewman
- 1 E5 FA Met Crewman
- 3 E4 FA Met Crewman
- 3 E3 FA Met Crewman

Equipment

- 1 Antenna RC-292
- 1 Barometer Aneroid
- 1 Binocular
- 1 Cable tel DR-8
- 1 Calibrator freq
- 11 Camouflage screen sup sys
- 7 Camouflage screen sup sys
- 1 Compass mag
- 1 Gen set 5kw
- 1 Instal kit (VRC-46)
- 1 MG 7.62mm w/tripod
- 1 Met sta manual
- 1 Radio set VRC-46
- 1 Radio set control gp GRA-39
- 1 Radiosonde
- 1 Rawin set
- 1 Recording set weather data
- 1 Reeling mach RL-39
- 1 Tel set TA-312
- 1 Tool kit elec equip
- 1 Tlr 1½T
- 1 Tlr tk water
- 1 Trk 1¼T
- 2 Trk 2½T

SURVEY SECTION

Personnel

- 1 E7 Ch Surveyor
- 2 E6 Ch Survey Party
- 2 E5 Survey Comp
- 2 E4 Survey Comp/Recorder
- 2 E4 Instr Opr
- 2 E3 Rodman/Tapeman

Equipment

- 2 Aiming circle
- 4 Binocular
- 4 Camouflage screen sys
- 4 Camouflage screen spt sys
- 1 Charger btry
- 4 Compass mag
- 2 Instal kit MK 1246
- 2 MG 7.62mm w/tripod
- 2 Periscope BC
- 4 Radio set GRC-160
- 2 Surveying instr az gyro
- 2 Surveying instr DME
- 2 Surveying set 4th order
- 2 Theodolite survey
- 2 Trk 1¼T
- 2 Trk ¼T
- 1 Watch wrist

CB/CM RADAR SECTION

Personnel

- 1 WO FA Radar Tech
- 1 E6 Sec Ch
- 1 E5 Radar Opr
- 4 E4 Radar Opr
- 1 E4 Radar Mech

Equipment

- 1 Aiming circle
- 1 Antenna RC-292
- 1 Axle cable RL-27
- 1 Binocular
- 4 Cable tel DR-8 (¼ mi)
- 4 Camouflage screen sys
- 2 Camouflage screen sys radar trans
- 6 Camouflage screen spt sys
- 1 Compass mag
- 1 Generator 1.5kw
- 1 Instal kit VRC-46 MK 1246
- 1 Instl kit MK 1663
- 1 Instal kit MK 1817
- 1 Light tgt surveying
- 1 MG 7.62mm w/tripod
- 1 Plotting set arty FC
- 3 Pwr sup assy
- 1 Lchr gren 40mm
- 2 Multimeter
- 1 Radar set TPQ-36
- 3 Radio set VRC-46
- 1 Radio set control gp GRA-39
- 2 Reeling mach RL-39
- 1 Reeling mach RL-31
- 3 Speech sec equip KY-38
- 1 Tlr ¾T
- 3 Trk 1¼T
- 3 Tel set TA-312
- 1 Test set elec tube
- 1 Tool kit mech
- 2 Tool kit elec equip
- 2 Trk 2½T
- 1 Surveying set arty FC 5th order

MOV TGT LOC RADAR SEC

Personnel

- 1 WO Radar Tech
- 1 E6 Sec Chief
- 1 E5 FA Radar Opr
- 2 E4 FA Radar Opr
- 1 E4 Pwr Gen/w Veh Mech
- 1 E4 Wpn Spt Radar Mech

Equipment

- 1 Aiming circle
- 1 Antenna RC-292
- 1 Binocular
- 2 Cable tel DR-8
- 7 Camouflage screen sys
- 1 Camouflage screen spt radar tran
- 8 Camouflage screen spt sys
- 1 Compass mag

- 1 Gen set 1.5kw
- 2 Gen set 3kw
- 1 Instal kit MK 1246
- 1 Instal kit MK 1663
- 1 Lchr gren 40mm
- 1 MG 7.62mm w/tripod
- 1 Multimeter
- 1 Oscilloscope
- 1 Plotting set arty FC
- 1 Power sup assy
- 1 Radar set TPS-25
- 1 Radio set VRC-46
- 1 Radio set control gp GRA-39
- 2 Reeling mach RL-39
- 1 Speech sec equip KY-38
- 1 Tel set TA-312
- 1 Test set elec tube
- 1 Tool kit mech
- 1 Tool kit elec equip
- 1 Tlr ¾T
- 1 Tlr 1½T
- 1 Trk 1¼T
- 1 Trk 2½T

COMM PLATOON HQ

Personnel

- 1 Lt Plat Ldr
- 1 E8 Tact Comm Ch
- 1 E3 Veh Driver
- 1 E5 Tact Comm Sys Op/Mech
- 4 E3 Tact Comm Sys Op/Mech
- 1 E3 Tact Wire Opns Sp
- 2 E4 Tact Comm Sys Op/Mech
- 1 E4 Tact Wire Opns Sp

Equipment

- 2 Antenna RC-292
- 1 Cable tel DR-8 (¼ mi)
- 6 Camouflage screen sys
- 6 Camouflage screen spt sys
- 1 Code changer key KYK-28
- 1 Compass mag
- 1 Detecting set mine
- 1 Detecting set mine PSS-11
- 1 Generator 1.5kw
- 1 Instal kit MK 1224
- 1 Instal kit MK 1552
- 1 Instal kit MK 1646
- 1 Inverter vibrator
- 1 Lchr gren 40mm
- 3 Multimeter
- 1 Pwr sup assy veh
- 2 Radiacmeter IM-93
- 1 Radiacmeter IM-174
- 1 Radio set VRC-49
- 1 Radio set control gp GRA-39
- 1 Reeling mach RL-39
- 1 Reproducer sig data
- 1 Speech sec equip KY-38
- 1 Tac digital regen repeater
- 2 Tel set TA-312
- 1 Test battery
- 1 Test set comp logic
- 1 Test set elec tube

- 1 Test set radio
- 1 Test set radio freq
- 7 Tool kit elec equip
- 1 Tlr ¼T
- 1 Tlr ¾T
- 1 Trk 1¼T
- 1 Trk ¼T

WIRE SECTION

Personnel

- 1 E6 Sec Ch
- 4 E5 Tact Wire Opns Tm Ch
- 8 E4 Tac Wire Ops Sp
- 11 E3 Tac Wire Ops Sp

Equipment

- 4 Axle cable reel RL-27
- 2 Cable assy tel CX 4566
- 4 Cable assy tel CX 4760
- 35 Cable tel reel RL-159 (1 mi)
- 10 Cable tel 2 cond fld wire
- 8 Camouflage screen sys
- 8 Camouflage screen spt sys
- 8 Coil tel repeating
- 1 Lchr gren 40mm
- 4 MG 7.62mm w/tripod
- 4 Reeling mach RL-31
- 4 Reeling mach RL-172
- 4 Splicing kit tel
- 3 Switchboard SB-22
- 8 Tel set TA-312
- 4 Trk 1¼T
- 1 Trk ¼T

RADIO SECTION

Personnel

- 1 E5 RATT Opns Supv
- 2 4 RATT Opr
- 2 E3 RATT Opr
- 1 E5 Ratt Opns Tm Cft

Equipment

- 1 Cable tel DR-8 (¼ mi)
- 6 Camouflage screen sys
- 6 Camouflage screen spt sys
- 2 Elec TT sec equip KW-7
- 2 Generator 5kw
- 2 Headset microphone
- 2 RTT set GRC-142
- 2 Reeling mach RL-39
- 2 Tel set TA-312
- 2 Trk 1¼T

(3) MANEUVER BN FS SECTION

Personnel

- 3 O3 FSO
- 3 E7 FS Sgt
- 6 E4 FS Sp

Equipment

- 3 Antenna AT-984
- 3 Antenna RC-292
- 6 Binocular

- 12 Cable tel DR-8 (¼ mi)
- 6 Camouflage screen sys
- 6 Camouflage screen spt sys
- 6 Compass mag
- 3 Generator 1.5kw
- 3 Instal kit MK 1224
- 3 Instal kit MK 1646
- 3 Charger btry
- 3 Instal kit MK 1552
- 3 Lchr gren 40mm
- 3 Pwr sup assy veh
- 3 Radio set PRC-77
- 3 Radio set VRC-49
- 6 Radio set control gp GRA-39
- 6 Reeling mach cable RL-39
- 3 Speech sec equip
- 3 Switchboard SB-993
- 3 Tac digital regen repeater
- 6 Tel set TA-312
- 3 Tlr ¼T
- 3 Trk ¼T

MANEUVER BDE FS SECTION

Personnel

- 1 O4 FSO
- 1 E7 FS Sgt
- 2 E4 FS Sp

Equipment

- 1 Antenna AT-984
- 1 Antenna RC-292
- 2 Binocular
- 4 Cable tel DR-8 (¼ mi)
- 1 Camouflage screen sys
- 1 Camouflage screen spt sys
- 2 Compass mag
- 1 Generator 1.5kw (28V)
- 1 Instal kit MK 1224
- 1 Instal kit MK 1552
- 1 Instal kit MK 1646
- 1 Lchr gren 40mm
- 1 Pwr sup assy veh
- 1 Radio set PRC-77
- 1 Radio set VRC-49
- 2 Radio st control gp GRA-39
- 2 Reeling mach RL-39
- 1 Speech sec equip KY-38
- 1 Switchboard SB-993
- 1 Tac digital regen repeater
- 2 Tel set TA-312
- 1 Tlr ¼T
- 1 Trk ¼T

MEDICAL SECTION

Personnel

- 1 WO Physician's Asst
- 1 E6 Sec Sgt
- 1 E5 Medical Aide
- 3 E4 Btry Aidman
- 1 E4 Medical Aide
- 1 E4 Amb Driver
- 1 E3 Med Aide
- 1 E6 Practical Nurse

Equipment

- 1 Blanket set bed
- 6 Camouflage screen sys
- 6 Camouflage screen spt sys
- 1 Gen set 1.5kw
- 1 Lt set gen illum
- 1 Splint set
- 10 Mask headwound
- 1 Medical equip set Bn Aid Sta
- 1 Radiac set
- 7 Surgical instr/sup set
- 1 Tel set TA-312
- 1 Trk amb 1¼T
- 1 Trk 1¼T
- 1 Watch wrist

SUPPLY/MAINTENANCE PLATOON HQ

Personnel

- 1 Lt Plt Ldr
- 1 E7 Plat Sgt
- 1 E4 Veh Driver

Equipment

- 1 Camouflage screen sys
- 1 Camouflage screen spt sys
- 1 Instal kit MK 1234
- 2 Radiacmeter IM-93
- 1 Radiacmeter IM-174
- 1 Radio set VRC-46
- 1 Tel set TA-312
- 1 Trk ¼T

BN SUPPLY SECTION

Personnel

- 1 WO Unit Sup Tech
- 1 E7 Supply Sgt
- 1 E5 Gen Supply Sp
- 2 E4 Gen Supply Sp
- 2 E3 Gen Supply Sp

Equipment

- 6 Camouflage screen sys
- 6 Camouflage screen spt sys
- 1 Cont pressure filling
- 2 Drum fabric collapsible
- 1 Filter separator liquid fuel
- 1 Hose and fitting kit
- 1 Repair kit collapsible fabric tank
- 1 Lchr gren 40mm
- 1 MG 7.62mm w/tripod
- 1 Pumping assy
- 1 Tel set TA-312
- 2 Tie down kit coll drum
- 1 Tlr ¾T
- 2 Trk 1¼T
- 1 Yoke towing/lifting coll drum

BN MAINTENANCE SECTION

Personnel

- 1 WO Autmv Maint Tech
- 1 E7 Motor Sgt

- 1 E4 PLL Clk
- 1 E4 Welder
- 1 E4 Recovery Sp
- 4 E4 Pwr Gen & W Veh Mech
- 2 E3 Pwr Gen & W Veh Mech
- 2 E5 Pwr Gen & W Veh Mech

Equipment

- 1 Cabinet tool/sp parts 3 shelves
- 1 Cabinet tool/sp parts 35½H
- 14 Camouflage screen sys
- 14 Camouflage screen spt sys
- 1 Compressor
- 1 Generator 1.5kw
- 2 Generator 3kw
- 1 Heater duct type
- 1 Lt set gen illum
- 1 Lchr gren 40mm
- 2 MG 7.62mm w/tripod
- 1 MG cal 50 w/mount
- 1 Multimeter
- 2 Charger btry
- 1 Tel set TA-312
- 1 Shop equip maint/repair
- 8 Tool kit mech
- 1 Tool kit welders
- 1 Tlr 1½T
- 1 Trk 1¼T
- 1 Trk 2½T
- 1 Trk ¼T
- 1 Trk wrecker 5T

AMMO TRAIN HQ

Personnel

- 1 E7 Ammo Sgt
- 1 E4 Ammo Sp
- 1 E4 Gen Clk

Equipment

- 1 Alarm CML
- 1 Camouflage screen sys
- 1 Camouflage screen spt sys
- 1 Instal kit MK 1234
- 2 Radiacmeter IM-93
- 1 Radiacmeter IM-174
- 1 Radio set GRC-160
- 1 Tel set TA-312
- 1 Trk ¼T

(2) AMMO SECTIONS

Personnel

- 2 E5 Sec Ch
- 10 E3 Ammo Handler
- 10 E3 Veh Driver

Equipment

- 30 Camouflage screen sys
- 30 Camouflage screen spt sys
- 4 MG 7.62mm w/tripod
- 10 Tlr ammo 1½T
- 10 Trk 2½T

AD SECTION HQ

Personnel

- 1 Lt Sec Ldr
- 1 E6 Sec Sgt

Equipment

- 1 Cable tel DR-8 (¼ mi)
- 1 Camouflage screen sys
- 1 Camouflage screen spt sys
- 2 Code changer key KIK-18
- 1 Display set tgt alert
- 2 Interrogator set
- 1 Gen set 1.5kw
- 1 Interrogator computer
- 1 Programmer interrogator
- 1 Radio set VRC-48
- 1 Radio set control gp GRA-39
- 1 Reeling mach cable RL-39
- 2 Rifle 5.56mm
- 1 Tel set TA-312
- 1 Tlr ¼T
- 1 Trk ¼T
- 1 Reel equip CE-11

(4) AD TEAMS

Personnel

- 4 E5 Tm Ch
- 4 E4 Gunner

Equipment

- 8 Binocular
- 4 Cable tel DR-8 (¼ mi)
- 4 Camouflage screen sys
- 4 Camouflage screen spt sys
- 4 Display set tgt alert data
- 4 Instal kit MK 1234
- 4 Harness GM equip trans
- 8 Interragator set
- 4 Trainer handling GM lchr
- 4 Radio set GRC-160
- 4 Reeling mach RL-39
- 8 Tel set TA-312
- 4 Tlr ¼T
- 4 Trk ¼T
- 8 Watch wrist

(9) INFANTRY COMPANY FIST

Personnel

- 9 Lt FIST Ch
- 9 E6 FS Sgt
- 27 E5 FO
- 9 E4 FS Sp
- 27 E3 RTO

Equipment

- 9 Antenna AT-984
- 9 Antenna RC-292
- 45 Binocular
- 108 Cable tel DR-8 (¼ mi)
- 18 Camouflage screen sys
- 18 Camouflage screen spt sys
- 45 Compass mag

- 9 Generator 1.5kw
- 18 Instal kit MK 1234
- 9 Instal kit MK 1306
- 9 Instal kit MK 1554
- 9 Lchr gren 40mm
- 9 Night vision goggles
- 9 Night vision sight TVS-5
- 9 Pwr sup assy veh
- 18 Radio set GRC-160
- 27 Radio set PRC-77
- 9 Radio set VRC-47
- 18 Radio set control gp GRA-39
- 18 Range finder laser
- 45 Reeling mach RL-39
- 9 Speech sec equip KY-38
- 9 Switchboard SB-993
- 45 Tel set TA-312
- 18 Tlr ¼T
- 18 Trk ¼T

TANK COMPANY FIST

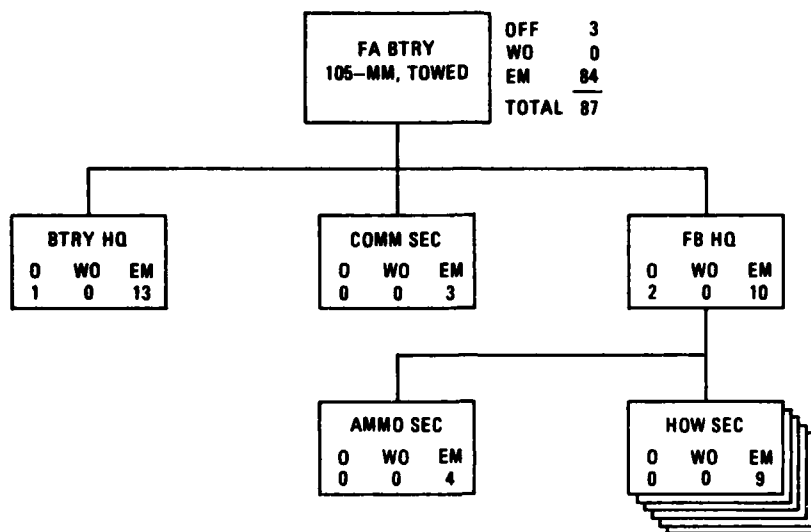
Personnel

- 1 Lt FIST Ch
- 1 E6 FS Sgt
- 1 E4 FS Sp
- 2 E3 RTO

Equipment

- 1 Antenna AT-984
- 1 Antenna RC-292
- 3 Binocular
- 4 Cable tel DR-8 (¼ mi)
- 2 Camouflage screen sys
- 2 Camouflage screen spt sys
- 2 Compass mag
- 1 Generator 1.5kw
- 2 Instal kit MK 1234
- 1 Instal kit MK 1306
- 1 Instal kit MK 1554
- 1 Lchr gren 40mm
- 1 Night vision goggles
- 1 Night vision sight TVS-5
- 1 Pwr supply assy veh
- 2 Radio set GRC-160
- 1 Radio set PRC-77
- 1 Radio set VRC-47
- 2 Radio set control gp GRA-39
- 1 Range finder laser
- 3 Reeling mach RL-39
- 1 Speech sec equip KY-38
- 2 Tel set TA-312
- 2 Tlr ¼T
- 2 Trk ¼T

TOE 6-117H
 FIELD ARTILLERY BATTERY, 105-MM, TOWED
 FIELD ARTILLERY BATTALION, SEPARATE LIGHT INFANTRY BRIGADE



MISSION: To provide a firing component to the 105-mm, towed FA Bn, and to furnish its portion of the battalion communication and target acquisition systems.

TOE 6-117H

BTRY HQ

Personnel

- 1 03 BC
- 1 E8 1st Sgt
- 1 E6 Food Svc Sgt
- 1 E6 Sup Sgt
- 1 E6 Motor Sgt
- 1 E5 1st Cook
- 1 E4 Cook
- 1 E4 Armorer
- 1 E4 Equip Maint Clk
- 1 E3 Veh Driver
- 1 E3 Cook
- 1 E4 Pwr Gen & W Veh Mech
- 2 E3 Pwr Gen & W Veh Mech

Equipment

- 1 Accy outfit fld range
- 1 Alarm CML
- 87 Bayonet
- 1 Binocular
- 1 Cabinet tool/sp parts 35½H
- 1 Cabinet tool/sp parts w/drwr
- 1 Cable tel DR-8 (¼ mi)
- 24 Camouflage screen sys
- 19 Camouflage screen spt sys
- 2 Charger radiac detector
- 1 Code changer key KY-28
- 1 Compass mag
- 1 Compressor
- 4 Heater immersion
- 1 Instal kit MK 1306
- 1 Instal kit MK 1554
- 2 Lchr gren 40mm
- 4 Lchr rkt practice
- 2 MG 7.62mm w/tripod
- 1 MG cal 50 w/mount
- 87 Mask CBR
- 1 Multimeter
- 6 Night vision goggles
- 4 Night vision sight PVS-4
- 1 Pistol cal 45
- 1 Pwr sup assy veh
- 1 Radiac set
- 2 Radiacmeter IM-93
- 1 Radiacmeter IM-174
- 1 Radio set VRC-47
- 1 Radio set control gp GRA-39
- 2 Range outfit fld
- 1 Reeling mach RL-39
- 86 Rifle 5.56mm
- 1 Speech sec equip KY-38
- 2 Tel set TA-312
- 1 Shop equip auto maint/repair
- 3 Tool kit mech
- 1 Tool kit carpenters
- 1 Tool kit sml arms
- 1 Tlr ¼T
- 1 Tlr 1½T
- 1 Tlr tk wtr
- 2 Trk 2½T

- 1 Trk 2½T w/winch
- 1 Trk ¼T
- 6 Watch wrist

COMM SECTION

Personnel

- 1 E6 Tact Comm Ch
- 1 E4 Tact Comm Wire Sp
- 1 E3 Tact Comm Wire Sp

Equipment

- 1 Axle cable RL-27
- 7 Cable tel RL-159 (1 mi)
- 6 Cable tel 2 cond fld wire
- 1 Detecting set mine
- 1 Detecting set mine PSS-11
- 1 Lchr gren 40mm
- 1 Reeling mach RL-31
- 1 Switchboard SB-22
- 5 Tel set TA-312

FIRING BATTERY HQ

Personnel

- 1 Lt XO
- 1 Lt FDO
- 1 E7 Ch of FB
- 1 E7 Gunnery Sgt
- 1 E6 Ch FD Comp
- 2 E5 FD Comp
- 3 E4 Chart Opr
- 1 E4 FA Mech
- 1 E3 RTO

Equipment

- 3 Aiming circle
- 2 Alarm CML
- 2 Antenna AT-984
- 4 Antenna RC-292
- 2 Binocular
- 6 Cable tel DR-8 (½ mi)
- 8 Camouflage screen sys
- 6 Camouflage screen spt sys
- 1 Code changer key KYK-28
- 2 Compass mag
- 1 Comp gun dir
- 2 FD set arty
- 1 Generator 1.5kw (120V)
- 1 Generator 1.5kw (28V) DC
- 2 Generator 3kw
- 1 Generator 3kw DC
- 3 Headset microphone
- 2 Instal kit MK 1253
- 1 Instal kit MK 1246
- 1 Instal kit MK 1663
- 1 Light set gen illum
- 2 Lchr gren 40mm
- 1 Light set chart fld
- 3 Plotting board
- 2 Plotting set arty fire control
- 2 Pwr sup assy veh
- 2 Radiacmeter IM-93
- 1 Radiacmeter IM-174
- 1 Purging kit FC

- 1 Radio set VRC-46
- 2 Radio set VRC-47
- 4 Radio set control gp GRA-39
- 2 Reeling mach RL-39
- 1 Switchboard SB-993
- 2 Speech sec equip KY-38
- 5 Tel set TA-312
- 1 Tool kit arty mech
- 1 Tlr ¼T
- 2 Trk 1¼T

(6) HOWITZER SECTIONS

Personnel

- 6 E6 Ch Sec
- 6 E5 Gunner
- 6 E4 Asst Gunner
- 6 E4 Prime Mover Driver
- 30 Cannoneer

Equipment

- 6 Cable tel DR-8 (¼ mi)
- 36 Camouflage screen sys
- 36 Camouflage screen spt sys
- 6 Compass mag
- 6 Headset microphone
- 6 Howitzer lt towed 105mm
- 6 MG 7.62mm w/tripod
- 6 Radio set control C2328
- 6 Reeling mach RL-39
- 6 Tel set TA-312
- 6 Trk 2½T w/winch

AMMO SECTION

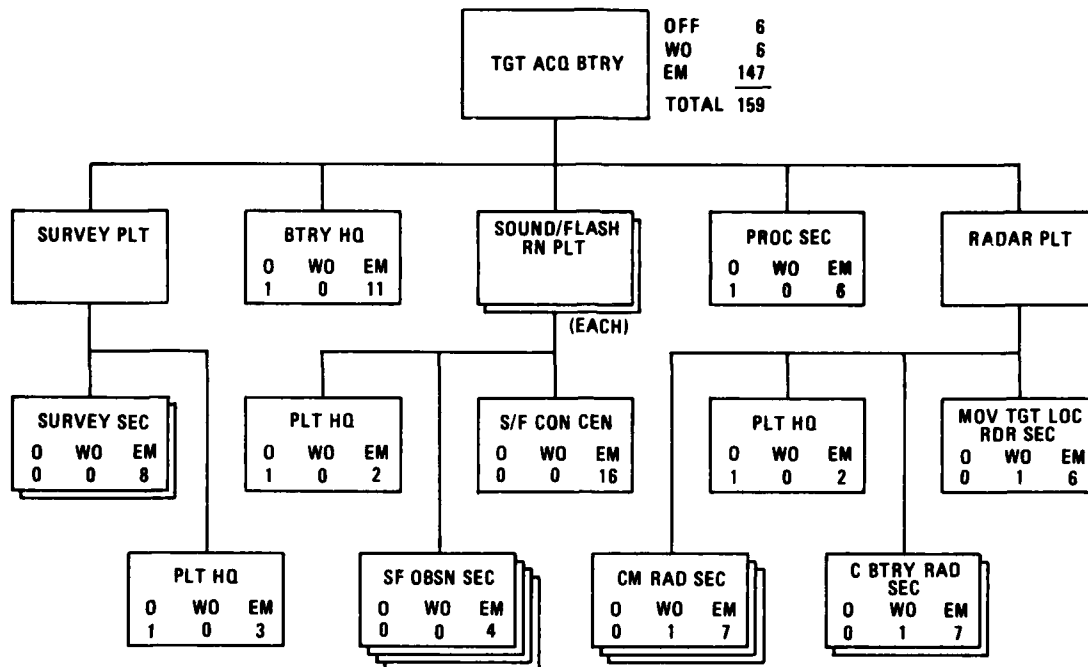
Personnel

- 1 E5 Sec Chief
- 1 E3 Ammo Handler
- 2 E3 Veh Driver

Equipment

- 2 Cable telephone DR-8 (¼ mi)
- 6 Camouflage screen sys
- 3 Camouflage screen spt sys
- 2 Lchr gren 40mm
- 2 MG 7.62mm w/tripod
- 1 MG cal 50 w/mount
- 1 Tel set TA-312
- 2 Tlr ammo 1½T
- 2 Trk 2½T

TOE 6-307H
 TARGET ACQUISITION BATTERY AIRBORNE/ARMORED/
 MECHANIZED/INFANTRY DIVISION ARTILLERY



MISSION: To provide target acquisition support by locating and identifying hostile targets within the division's zone of responsibility.

TOE 6-307H

BTRY HQ

Personnel

1 03 BC
1 E8 1st Sgt
1 E6 Sup Sgt
1 E5 Unit Clk
1 E4 Armorer
1 E4 Equip Maint Clk
1 E3 Gen Supplyman
1 E3 Lt Veh Driver
1 E4 Tact Comm Sys Op/Mech
1 E4 Pwr Gen & W Veh Mech
1 E4 Sp Elec Dev Rpr
1 E5 NBC Opns NCO

Equipment

1 Antenna Rc-292
158 Bayonet
1 Binocular
1 Cabinet tool/sp parts 35½H
2 Cable tel (¼ mi)
11 Camouflage screen sys
11 Camouflage screen spt sys
1 Charger radiac detector
1 Code changer KYK-28
1 Compass mag
1 Detection set mine
1 Detection set mine PSS-11
1 Generator 1.5kw
1 Instal kit MK 1306
1 Instal kit MK 1554
1 Lchr gren 40mm
4 Lchr rkt practice
1 MG 7.62mm w/tripod
159 Mask CBR
2 Multimeter
6 Night vision goggles PVS-5
6 Night vision sight PVS-4
1 Pistol cal 45
1 Pwr sup assy veh
2 Radiacmeter IM-93
1 Radiacmeter IM-174
1 Radio set VRC-47
1 Radio set control gp GRA-39
1 Reeling mach RL-39
158 Rifle 5.56mm
1 Speech sec equip KY-38
2 Tel set TA-312
1 Test btry
1 Test set comp logic
1 Test set radio
1 Tool kit mechanic
1 Tool kit carpenters
1 Tool kit elec equip
1 Tool kit sml arms repair
1 Tool kit prec instr
1 Tlr ¼T
1 Tlr 1½T
1 Trk 2½T
1 Trk ¼T
10 Watch wrist

PROCESSING SECTION

Personnel

1 Lt XO
1 E7 Sec Ch
1 E6 Asst Sec Ch
4 E4 CF Sp

Equipment

1 Antenna RC-292
2 Cable tel (¼ mi)
6 Camouflage screen sys
6 Camouflage screen spt sys
1 FD set arty
1 Generator 1.5kw
1 Instal kit MK 1246
1 Plotting set arty
1 Radio set VRC-46
1 Radio set control gp GRA-39
1 Reeling mach RL-39
3 Tel set TA-312
1 Tlr ¾T
1 Trk 1¼T

SURVEY PLAT HQ

Personnel

1 Lt Survey Off
1 E7 Ch Svr
1 E4 Sr Topo Instr Repairman
1 E3 Lt Veh Driver

Equipment

1 Binocular
1 Camouflage screen sys
1 Camouflage screen spt sys
1 Charger btry
1 Compass mag
1 Instal kit MK 1306
2 Radiacmeter IM-93
1 Radiacmeter IM-174
1 Radio set VRC-47
1 Repair kit survey instr
1 Tlr ¼T
1 Trk ¼T

(2) SURVEY SECTIONS

Personnel

2 E6 Sec Ch
2 E5 Survey Comp
2 E5 Survey Comp/Recorder
6 E4 Instr Opr
4 E4 Survey Recorder

Equipment

4 Binocular
8 Camouflage screen sys
8 Camouflage screen spt sys
4 Compass mag
4 Instal kit MK 1246
2 Lchr gren 40mm
2 MG 7.62mm w/tripod
4 Radio st GRC-160
2 Radio set PRC-77
2 Surveying instr az gyro

6 Surveying instr DME
2 Surveying set 4th Order
6 Target set surveying
6 Theodolite survey
4 Trk 1¼T

(2) SF RANGING PLATOONS

Personnel

2 Lt Plat Cmdr
2 E7 Plat Sgt
2 E3 Lt Veh Driver

Equipment

4 Binocular
2 Camouflage screen sys
2 Camouflage screen spt sys
4 Compass mag
2 Instal kit MK 1306
4 Radiacmeter IM-93
2 Radiacmeter IM-174
2 Radio set VRC-47
2 Tel set TA-312
2 Tlr ¼T
2 Trk ¼T

(2) SF CONTROL CENTERS

Personnel

2 E6 Sec Ch
2 E5 Asst Sec Ch
4 E5 Ch Record Reader
2 E5 Ch Sd Recorder
4 E5 FL Swbd Opr
2 E5 Sd Ranging Equip Mech
8 E4 Sd/F1 Computer
2 E4 Sd/F1 Recorder
4 E3 Sd/F1 Plotter
2 E3 Radio Opr

Equipment

4 Antenna RC-292
4 Cable tel (¼ mi)
80 Cable tel (1 mi)
30 Camouflage screen sys
30 Camouflage screen spt sys
2 Computer gun dir
2 FD set arty
2 Generator 1.5kw
6 Generator 1.5kw (28V)
4 Generator 3kw
2 Generator set hydrogen
4 Instal kit
2 Light set gen illum
2 MG 7.62mm w/tripod
4 Msg device digital
1 Multimeter
2 Nozzle met balloon
2 Plotting bd winds aloft
2 Plotting set arty fire control
2 Plotting set Sd ranging
2 Radio set GRC-160
2 Radio set VRC-46
4 Radio set control gp GRA-39
8 Reeling mach RL-31

- 4 Reeling mach RL-172
- 4 Reeling mach RL-39
- 2 Reproducer sig data
- 2 Sig assy swbd SB-223
- 4 Sound ranging set
- 2 Surveying set arty fire control
- 8 Tel set TA-312
- 2 Teletypewriter TT-537
- 2 Theodolite
- 2 Tool kit elec
- 4 Tlr 1½T
- 2 Tripod surveying
- 4 Trk 1¼T
- 4 Trk 2½T

(8) SF OBSERVATION SECTIONS

Personnel

- 8 E6 Ch SF Obsvr
- 8 E5 Sr SF Obsvr
- 8 E4 SF Observer
- 8 E3 SF Observer

Equipment

- 8 Binocular
- 8 Cable tel (¼ mi)
- 8 Camouflage screen sys
- 8 Camouflage screen spt sys
- 8 Compass mag
- 8 Headset microphone
- 8 Instal kit MK 1234
- 8 Lchr gren 40mm
- 8 Msg device digital
- 8 Periscope BC
- 8 Radio set GRC-160
- 8 Radio set control gp GRA-39
- 8 Reeling mach RL-39
- 8 Tlr ¼T
- 8 Trk ¼T

RADAR PLATOON HQ

Personnel

- 1 Lt Plat Cmdr
- 1 E7 Plat Sgt
- 1 E3 Lt Veh Driver

Equipment

- 1 Aiming circle
- 1 Binocular
- 1 Camouflage screen sys
- 1 Camouflage screen spt sys
- 1 Compass mag
- 1 Instal kit MK 1234
- 2 Radiacmeter IM-93
- 1 Radiacmeter IM-174
- 1 Radio set VRC-46
- 1 Tel set TA-312
- 1 Tlr ¼T
- 1 Trk ¼T

MOVING TGT LOCATING RADAR SECTION

Personnel

- 1 WO FA Radar Tech

- 1 E6 Sec Ch
- 1 E5 Sr FA Radar Opr
- 1 E4 Wpn Spt Radar Rpr
- 2 E4 FA Radar Opr
- 1 E4 Pwr Gen & W Veh Mech

Equipment

- 1 Aiming circle
- 1 Antenna RC-292
- 1 Binocular
- 2 Cable tel (¼ mi)
- 8 Camouflage screen sys
- 8 Camouflage screen spt sys
- 1 Compass mag
- 1 Generator 1.5kw
- 2 Generator 3kw
- 1 Instal kit MK 1246
- 1 Lchr gren 40mm
- 1 MG 7.62mm w/tripod
- 1 Multimeter URM-105
- 1 Multimeter URM-223
- 1 Oscilloscope
- 1 Plotting set arty FC
- 1 Radar set TPS-25
- 1 Radio st VRC-46
- 1 Radio set control gp GRA-39
- 2 Reeling mach RL-39
- 3 Tel set TA-312
- 1 Test set elec tube
- 1 Tool kit mech
- 1 Tool kit elec equip
- 1 Tlr ¾T
- 1 Tlr 1½T
- 1 Trk 1¼T
- 1 Trk 2½T

(3) CM RADAR SECTIONS

Personnel

- 3 WO FA Radar Tech
- 3 E6 Sec Ch
- 3 E5 FA Radar Opr
- 3 E5 Wpns Spt Radar Rpr
- 9 E4 FA Radar Opr
- 1 E4 Pwr Gen & W Veh Mech
- 2 E3 Pwr Gen & W Veh Mech

Equipment

- 3 Aiming circle
- 3 Antenna RC-292
- 12 Cable tel (¼ mi)
- 15 Camouflage screen sys (radar scatter)
- 6 Camouflage screen (radar trans)
- 21 Camouflage screen spt sys
- 3 Compass mag
- 3 FD set arty
- 3 Generator 1.5kw
- 3 Instal kit MK 1246
- 3 Instal kit MK 1663
- 3 Inverter vibrator
- 3 Lchr gren 40mm
- 3 Light tgt surveying
- 3 Power sup assy
- 3 MG7.62mm w/tripod

- 3 Multimeter URM-105
- 3 Multimeter USM-223
- 3 Radar set TPQ-36
- 9 Radar set VRC-46
- 3 Radio set control gp GRA-39
- 3 Reeling mach RL-39
- 3 Speech sec equip KY-38
- 15 Tel set TA-312
- 3 Test set elec tube
- 3 Tool kit mech
- 3 Tool kit elec
- 9 Trk 1¼T
- 3 Plotting set arty FC

(2) C BTRY RADAR SECTIONS

Personnel

- 2 WO FA Radar Tech
- 2 E6 Sec Ch
- 2 E5 FA Radar Opr
- 2 E4 Wpns Spt Rdr Rep
- 6 E4 FA Radar Opr
- 1 E4 Pwr Gen & W/Veh Mech
- 1 E3 Pwr Gen & W/Veh Mech

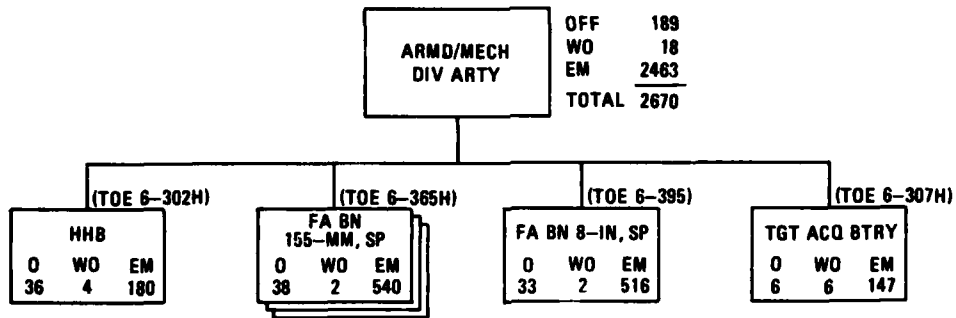
Equipment

- 2 Aiming circle
- 2 Antenna RC 292
- 8 Camouflage screen sys (Rdr scat)
- 4 Camouflage screen sys (Rdr Trans)
- 12 Camouflage screen spt sys
- 2 Compass mag
- 2 FD set arty
- 2 Gen 10kw
- 2 Gen 1.5kw
- 2 Instal kit Mk 1234
- 2 Instal kit VRC-46
- 2 Inverter vibrator
- 2 Launcher gren 40mm
- 2 MG 762mm w/tripod
- 2 Multimeter URM-105
- 2 Multimeter USM-223
- 2 Oscilloscope
- 2 Plotting set arty FC
- 2 Radar set MPQ-4
- 2 Radio set GRC-160
- 2 Radio set VRC-46
- 2 Radio set cont gp GRA-39
- 4 Reeling mach RL-39
- 6 Tel set TA-312
- 2 Test set comp
- 2 Test set electron tube
- 2 Tool kit mech
- 2 Tool kit elec equip
- 4 Trk 2½T
- 2 Trk ¼T

CHAPTER 3

FIELD ARTILLERY ORGANIC TO ARMORED/MECHANIZED ELEMENTS

TOE 6-300H



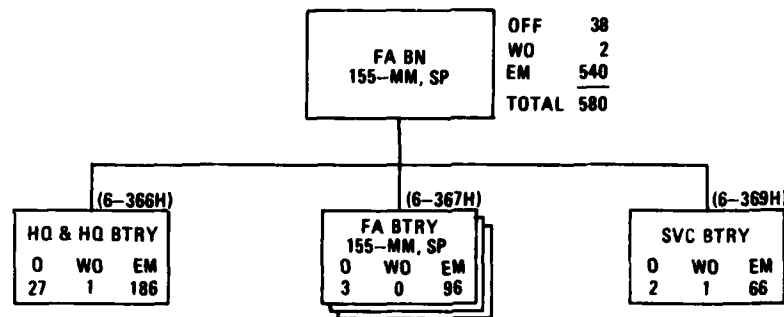
STAFF (TOE 6-302H)

SEE CHAPTER 2 — SAME TOE APPLIES

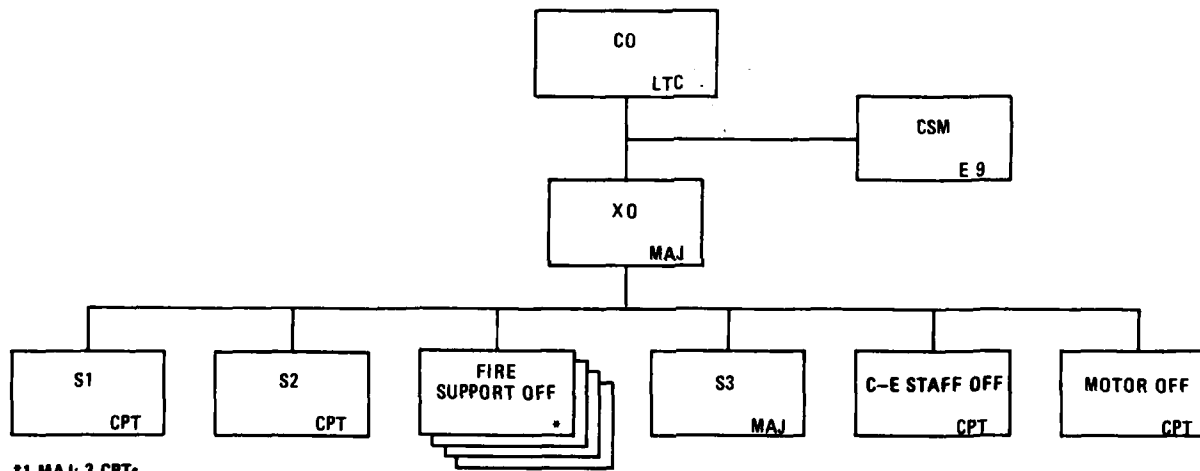
TOE 6-302H
HEADQUARTERS AND HEADQUARTERS BATTERY, DIVISION ARTILLERY
ARMORED/MECHANIZED DIVISION
SEE CHAPTER 2

TOE 6-302H
MISSION/SUMMARY — MAJOR ITEMS OF EQUIPMENT
SEE CHAPTER 2 — SAME TOE APPLIES

TOE 6-365H
FIELD ARTILLERY BATTALION, 155-MM, SELF-PROPELLED
ARMORED/MECHANIZED DIVISION



STAFF (TOE 6-366H)



*1 MAJ; 3 CPTs

TOE 6-365H

MISSION: To provide FA fires in direct support of a maneuver brigade (armored or mechanized) or in general support of the supported force and to reinforce the fires of other FA units.

SUMMARY — MAJOR ITEMS OF EQUIPMENT

TRANSPORTATION

Carrier, cargo, tracked, 6-ton 13
 Carrier, CP, lt, tracked 9
 Carrier, personnel, tracked 9
 Recovery vehicle, full tracked, lt, armd 2
 Trailer, 1/4-ton 16
 Trailer, 1 1/2-ton 8
 Trailer, ammo 1 1/2-ton 36
 Trailer, 3/4-ton 3
 Trailer, tank, water, 400 gal 5
 Truck, ambulance, 1 1/4-ton 1
 Truck, 1 1/4-ton 16
 Truck, 2 1/2-ton 17
 Truck, 2 1/2-ton, w/winch 5
 Truck, 5-ton 3
 Truck, 8-ton 18
 Truck, tank, fuel, (2500 gal) 2
 Truck, 1/4-ton 21
 Truck, wrecker, 10-ton 1

MATERIEL

Howitzer, med, SP, 155-mm 18
 Launcher, grenade, 40-mm 56
 Machinegun, 50 cal, w/mount 50
 Machinegun, 7.62-mm, w/tripod 29
 Pistol, cal 45 24
 Rifle, 5.56-mm 556

GUNNERY

Aiming circle 11
 Computer, gun direction 3
 Duplicating machine, spirit process 1
 Duplicating machine, stencil 1
 FD set, arty 10
 Plotting board, indir fire 12
 Plotting set, arty, fire control 8
 Range finder (Laser) 14

TARGET ACQUISITION

Night vision goggles 38
 Night vision sight crew svd wpns 11
 Night vision sight indiv svd wpns 19
 Night vision sight tripod mtd 1
 Periscope, BC 4

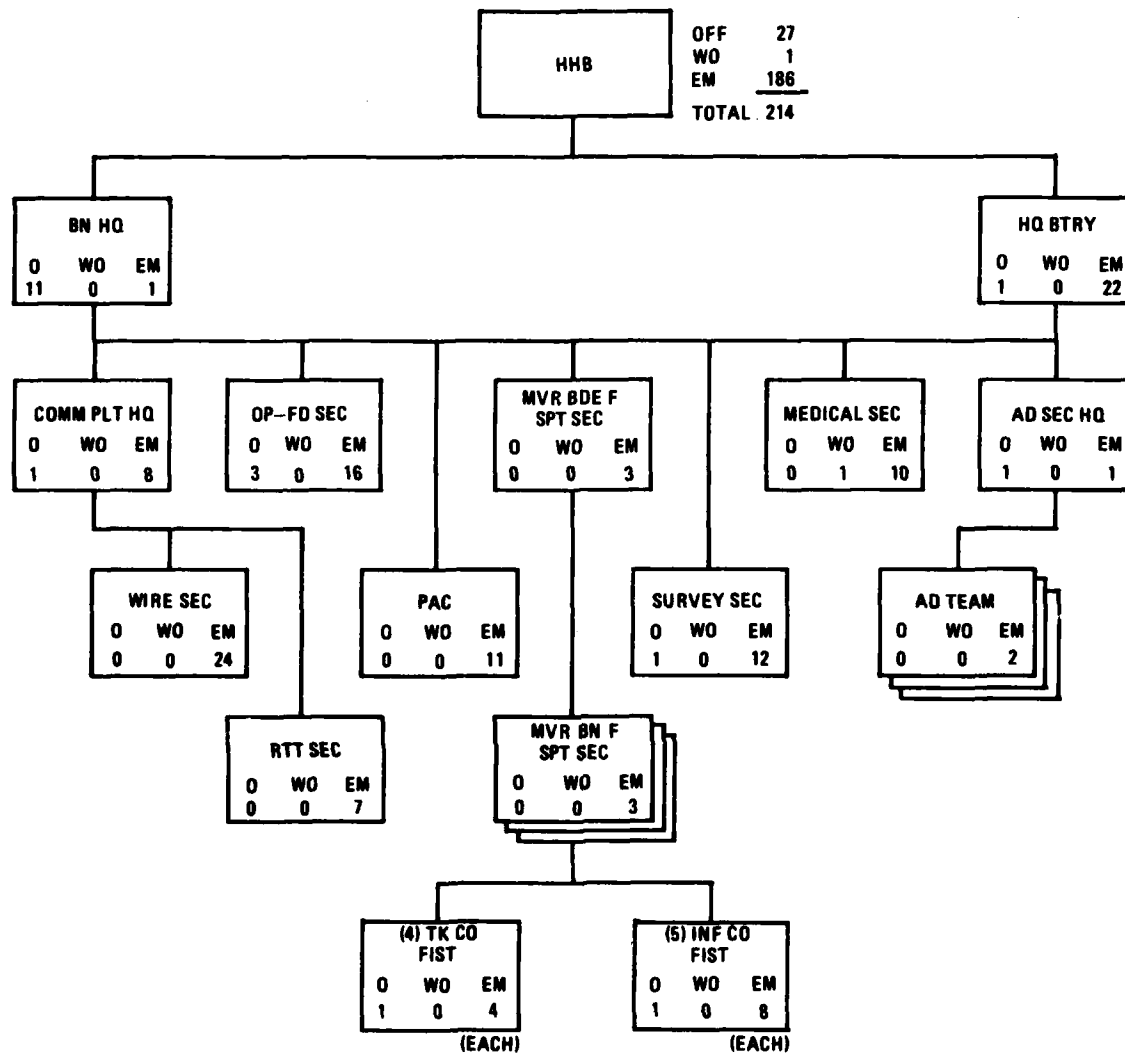
Surveying instr, az gyro 2
 Surveying set, arty, fire control, 4th order 2
 Theodolite survey 2
 Surveying inst, infrared 2

COMMUNICATIONS

Antenna, AT-984 20
 Antenna, RC-292 36
 Axle, cable, reel, RL-27 7
 Cable, assy, tel 6
 Cable, tel, WD-1/TT, DR-8, 1/4-mi 165
 Cable, tel, WD-1/TT, RL-159, 1 mi 56
 Cable, tel, WD-1/TT, fld wire 30
 Code changer key KYK-28/TSEC 10
 Coil tel repeating 12
 Electronic TT security equip TSEC/KW-7 2
 Headset, microphone 37
 Inverter vibrator 1
 Radio set AN/GRC-160 27
 Radio set AN/PRC-77 19
 Radio set AN/VRC-46 16
 Radio set AN/VRC-47 24
 Radio set AN/VRC-48 1
 Radio set AN/VRC-49 5
 Radio set AN/VRC-64 2
 Radio set control gp AN/GRA-39 48
 RTT set AN/GRC-142 2
 Reeling machine, cable, hand, RL-31 7
 Reeling machine, cable, hand, RL-39 99
 Reeling machine, cable, motor driven 4
 Reproducer, signal data 1
 Speech security equip TSEC/KY-38 34
 Splicing kit, tel, cable 4
 Switchboard, SB-22 8
 Switchboard, SB-993/GT 12
 Tac digital regenerative repeater 5
 Telephone, conn/switching gp MX-155 3
 Telephone set TA-1/PT 6
 Telephone set TA-264/PT 1
 Telephone set TA-312/PT 137

TOE 6-366H

HEADQUARTERS AND HEADQUARTERS BATTERY, FIELD ARTILLERY BATTALION,
105-MM SELF-PROPELLED, ARMORED/MECHANIZED DIVISION



MISSION: To direct and coordinate operations of the battalion and to provide facilities with which the battalion commander can control the battalion.

TOE 6-366H**BN HQ****Personnel**

1 05 Bn Cmdr
 1 04 XO
 1 04 S3
 1 04 Bde FSO
 1 03 CE Stf Off
 1 03 S1
 3 03 Bn FSO
 1 03 Motor Off
 1 03 S2
 1 E9 CSM

Equipment

5 Mask tk
 7 Pistol cal 45

BTRY HQ**Personnel**

1 03 BC
 1 E8 1st Sgt
 1 E7 Food Svc Sgt
 1 E6 Motor Sgt
 1 E6 Sup Sgt
 1 E6 1st Cook
 1 E4 Armorer
 2 E4 Cook
 1 E4 Equip Maint Clk
 2 E4 Trk Veh Mech
 1 E3 Lt Veh Driver
 1 E5 Cook
 1 E3 Cook
 1 E5 Trk Veh Mech
 2 E4 Pwr Gen & W Veh Mech
 2 E3 Pwr Gen & W Veh Mech
 1 E5 Pwr Gen & W Veh Mech
 2 E3 Trk Veh Mech

Equipment

1 Accy outfit fld range
 1 Alarm CML
 203 Bayonet
 1 Binocular
 1 Cabinet tool/sp parts w/drwr
 1 Cabinet tool/sp parts 35½H
 25 Camouflage screen sys
 25 Camouflage screen spt sys
 2 Charger radiac
 1 Compass mag
 1 Compressor rcp pwr driven
 10 Heater immersion
 1 Instal kit MK 1234
 2 Kitchen fld tir mtd
 2 Lchr gren 40mm
 4 Lchr rkt practice
 2 MG 7.62mm w/tripod
 165 Mask CBR
 2 Multimeter
 6 Night vision goggles PVS-5
 4 Night vision sight PVS-4
 1 Pistol cal 45

2 Radiacmeter IM-93
 1 Radiacmeter IM-174
 1 Radio set GRC-160
 3 Range outfit fld kitchen
 198 Rifle 5.56mm
 5 Tel set TA-312
 1 Shop equip auto maint
 10 Tool kit mech
 1 Tool kit carpenters
 1 Tool kit sml arms
 1 Tir ¼T
 1 Tir 1½T
 1 Tir tk wtr
 5 Trk 2½T
 1 Trk 2½T w/winch
 1 Trk ¼T
 17 Watch wrist

PAC**Personnel**

1 E7 PAC Supervisor
 1 E6 Pers Stf NCO
 1 E6 Reenlist NCO
 1 E5 Legal Clk
 1 E5 PAC Clk
 1 E4 Clk Typist
 1 E4 PAC Clk
 2 E3 Lt Veh Driver
 2 E3 PAC Clk

Equipment

2 Binocular
 6 Camouflage screen sys
 6 Camouflage screen spt sys
 2 Compass mag
 1 Duplicating mach spirit
 1 Instal kit MK 1246
 1 Instal kit MK 1306
 1 Instal kit MK 1554
 1 Pwr sup assy veh
 1 Radio set VRC-46
 1 Radio set VRC-47
 1 Speech sec equip
 3 Tel set TA-312
 1 Tir ¼T
 1 Trk 1¼T
 1 Trk ¼T

OPS-FD SECTION**Personnel**

2 03 FDO
 1 Lt Intel Off (BICC)
 1 E8 Ops Sgt
 1 E8 Intel Sgt
 1 E7 FC NCO
 2 E6 TF Comp Opr
 2 E5 TF Equip Sp
 1 E5 Intel Analyst
 2 E4 TF Opns Sp
 1 E4 Clk Typist
 1 E4 TF Opns Sp
 2 E3 TF Opns Sp
 1 E4 Tact Wire Opns Sp

1 E6 NBC Opns/Staff NCO

Equipment

6 Accy kit MK 1326
 1 Alarm CML
 1 Antenna AT-984
 8 Antenna RC-292
 2 Binocular
 10 Cable tel (¼ mi)
 15 Camouflage screen sys
 15 Camouflage screen spt sys
 2 Carrier CP
 1 Code changer key KYK-28
 2 Compass mag
 1 FDC Arty
 1 Duplicating machine stencil
 1 Elect key generator
 4 FD set arty
 4 Headset microphone
 1 Instal kit MK 1246
 1 Instal kit MK 1306
 1 Instal kit MK 1531
 1 Instal kit MK 1554
 1 Instal kit MK 1663
 1 Instal kit MK 1644
 1 Lchr gren 40mm
 9 Mask tank
 1 Msg entry device VF
 3 Plotting bd indir fire
 2 Plotting set fire control
 1 Pwr plant elec
 4 Pwr sup assy veh
 9 Radio set VRC-46
 1 Radio set VRC-47
 7 Radio set control gp GRA-39
 7 Reeling machine RL-39
 4 Speech sec equip KY-38
 1 Switchboard SB-22
 1 Tel set TA-264
 8 Tel set TA-312
 4 Tape trans cartridge
 1 Tool kit FD arty remote
 1 Tool kit FD sys
 1 Tir ¼T
 1 Trk 1¼T
 1 Trk ¼T
 2 Trk 5T

SURVEY SECTION**Personnel**

1 Lt Recon/Survey Off
 1 E7 Ch Surveyor
 2 E6 Ch Survey Party
 2 E5 Survey Comp
 2 E5 Survey Comp/Recorder
 2 E4 Instr Opr
 1 E3 Lt Veh Driver
 2 E3 Rodman/Tapeman

Equipment

2 Aiming circle
 5 Binocular
 5 Camouflage screen sys
 5 Camouflage screen spt sys

- 1 Charger battery
- 5 Compass mag
- 1 Instal kit MK 1234
- 1 Instal kit MK 1246
- 3 Lchr gren 40mm
- 1 MG 7.62mm w/tripod
- 1 Night vision sight TVS-4
- 4 Periscope BC
- 4 Radio set GRC-160
- 1 Radio set VRC-46
- 2 Surveying instr az gyro
- 2 Surveying set arty fire control
- 2 Theodolite
- 2 Trk 1 1/4T
- 3 Trk 1/4T
- 2 Surveying instr infrared

COMM PLAT HQ

Personnel

- 1 Lt Plat Ldr
- 1 E8 Tact Comm Ch
- 1 E5 Tact Comm Sys Spvr
- 1 E3 Veh Driver
- 3 E3 Tact Comm Sys Op/Mech
- 2 E3 Tact Wire Opns Sp

Equipment

- 2 Antenna RC-292
- 1 Binocular
- 1 Cable tel (1/4 mi)
- 6 Camouflage screen sys
- 6 Camouflage screen spt sys
- 1 Code changer key KYK-28
- 1 Compass mag
- 1 Detecting set mine
- 1 Detecting set mine PSS-11
- 1 Generator 1.5kw
- 1 Instal kit MK 1224
- 1 Instal kit MK 1552
- 1 Instal kit MK 1646
- 1 Inverter vibrator
- 1 Lchr gren 40mm
- 1 MG 7.62mm w/tripod
- 1 Multimeter
- 1 Pwr sup assy veh
- 2 Radiacmeter IM-93
- 1 Radiacmeter IM-174
- 1 Radio set VRC-49
- 1 Radio set control gp GRA-39
- 1 Reeling mach RL-39
- 1 Reproducer sig data
- 1 Speech sec equip KY-38
- 1 Tac digital regen repeater
- 2 Tel set TA-312
- 1 Test battery
- 1 Test set comp logic
- 1 Test set elec tube
- 1 Test set radio
- 1 Test set radio freq
- 4 Tool kit elec equip
- 1 Tlr 1/4T
- 1 Trk 1 1/4T
- 1 Trk 1/4T

WIRE SECTION

Personnel

- 1 E6 Tact Comm Ch
- 4 E5 Tact Wire Opns Tm Ch
- 5 E4 Tac Wire Ops Sp
- 14 E3 Tac Wire Ops Sp

Equipment

- 4 Axle cable RL-27
- 2 Cable assy CX 4566
- 4 Cable assy CX 4760
- 35 Cable tel (1 mi)
- 10 Cable tel 2 cond fld wire
- 9 Camouflage screen sys
- 9 Camouflage screen spt sys
- 8 Coil tel repeating
- 4 Lchr gren 40mm
- 4 MG 7.62mm w/tripod
- 4 Reeling mach RL-31
- 4 Reeling mach RL-172
- 4 Splicing kit tel
- 3 Switchboard SB-22
- 8 Tel set TA-312
- 4 Trk 1 1/4T
- 1 Trk 1/4T

RADIO TT SECTION

Personnel

- 1 E6 RATT Opns Supv
- 2 E5 RATT Ops Tm Ch
- 2 E4 Radio TT Opr
- 2 E3 Radio TT Opr

Equipment

- 2 Cable tel (1/4 mi)
- 6 Camouflage screen sys
- 6 Camouflage screen spt sys
- 2 Elec TT sec equip kw-7
- 2 Generator 5kw
- 2 Headset microphone
- 2 RATT set GRC-142
- 2 Reeling mach RL-39
- 2 Tel set TA-312
- 2 Trk 1 1/4T

(3) MANEUVER BN FS SECTIONS

Personnel

- 3 E7 FS Sgt
- 6 E4 FS Sp

Equipment

- 3 Accy kit MK 1321
- 3 Antenna AT-984
- 3 Antenna RC-292
- 6 Binocular
- 12 Cable tel (1/4 mi)
- 12 Camouflage screen sys
- 12 Camouflage screen spt sys
- 3 Carrier CP
- 3 Charger battery
- 6 Compass mag
- 3 Elec key gen half duplex

- 3 Instal kit elec equip
- 3 Headset micro
- 3 Instal kit MK 1306
- 3 Instal kit MK 1554
- 3 Instal kit MK 1644
- 3 Instal kit MK 1680
- 3 Lchr gren 40mm
- 3 Mask prot tk
- 3 Tool kit FD arty remote
- 6 Pwr sup assy veh
- 3 Radio set VRC-47
- 3 Radio set VRC-49
- 6 Radio set control gp GRA-39
- 6 Reeling mach RL-39
- 6 Speech sec equip
- 3 Switchboard tel SB-993
- 3 Tac digital regen repeater
- 6 Tel set TA-312
- 3 Tlr 1/4T
- 3 Trk 1/4T
- 3 Msg entry device VF

MANEUVER BDE FS SECTION

Personnel

- 1 E7 FS Sgt
- 2 E4 FS Sp

Equipment

- 1 Accy kit MK 1321
- 1 Antenna AT-984
- 1 Antenna RC-292
- 2 Binocular
- 4 Cable tel (1/4 mi) DR-8
- 4 Camouflage screen sys
- 4 Camouflage screen spt sys
- 1 Carrier CP
- 2 Compass mag
- 1 Elect key gen half duplex
- 1 Instal kit elec equip
- 1 Headset micro
- 1 Instal kit MK 1306
- 1 Instal kit MK 1554
- 1 Instal kit MK 1680
- 1 Instal kit MK 1644
- 1 Lchr gren 40mm
- 2 Mask prot tk
- 2 Pwr sup assy
- 1 Radio set VRC-47
- 1 Radio set VRC-49
- 2 Radio set cont gp GRA-39
- 2 Reeling mach RL-39
- 1 Msg entry device VF
- 2 Speech sec equip KY-38
- 1 Switchboard SB-993
- 1 Tac digital regen repeater
- 2 Tel set TA-312
- 1 Tlr 1/4T
- 1 Trk 1/4T
- 2 Tool kit FD arty remote

MEDICAL SECTION

Personnel

- 1 WO Physician's Asst

- 1 E6 Sec Sgt
- 1 E5 Medical Aide
- 4 E4 Btry Aidman
- 1 E4 Medical Aide
- 1 E4 Amb Driver
- 1 E3 Ambul Attendant
- 1 E6 Prac Nurse

Equipment

- 1 Blanket set bed
- 10 Camouflage screen sys
- 10 Camouflage screen spt sys
- 1 Med equip set Bn Aid Sta
- 5 Pistol cal 45
- 1 Radiac set
- 1 Splint set
- 8 Surgical instr/sup set
- 1 Lt set gen illum
- 1 Tel set TA-312
- 10 Mask prot headwound
- 2 Shelter sys coll prot
- 1 Trk Amb 1 1/4T
- 1 Trk 1 1/4T
- 1 Watch wrist
- 1 Gen set 1.5kw

AD SECTION HQ

Personnel

- 1 Lt Sec Ldr
- 1 E6 Sec Sgt

Equipment

- 1 Cable tel (1/4 mi)
- 2 Code changer key KIK-18
- 1 Camouflage screen sys
- 1 Camouflage screen spt sys
- 1 Display set tgt alert data
- 1 Instal kit MK 1225
- 1 Radio set VRC-48
- 1 Radio set control gp GRA-39
- 1 Reeling mach RL-39
- 1 Tel set TA-312
- 1 Tlr 1/4T
- 1 Gen set 1.5kw
- 2 Interrogator set
- 1 Interrogator comp
- 1 Program interrogator
- 1 Radio set VRC-48
- 1 Tng set GM
- 1 Trk 1/4T

(3) AD TEAMS

Personnel

- 3 E5 Tm Ch
- 3 E4 Gunner

Equipment

- 6 Binocular
- 3 Cable tel (1/4 mi)
- 3 Camouflage screen sys
- 3 Camouflage screen spt sys
- 3 Display set tgt alert data
- 3 Instal kit MK 1234

- 3 Pistol cal 45
- 3 Radio set GRC-160
- 3 Reeling mach cable hand
- 6 Tel set TA-1
- 3 Tlr 1/4T
- 3 Trk 1/4T
- 3 Harness GM equip trans
- 1 Interrogator set
- 3 Trainer handling GM lchr

(4) TANK COMPANY FISTS

Personnel

- 4 Lt FIST Ch
- 4 E6 FS Sgt
- 4 E4 FS Sp
- 8 E3 RTO

Equipment

- 8 Accy kits MK 1265
- 4 Antenna AT-984
- 4 Accy kit MK 1266
- 4 Antenna RC-292
- 12 Binocular
- 16 Cable tel (1/4 mi)
- 8 Camouflage screen sys
- 8 Camouflage screen spt sys
- 4 Carrier pers
- 8 Compass mag
- 4 Generator 1.5kw
- 4 Instal kit MK 1626
- 4 Lchr gren 40mm
- 4 MG cal 50 w/mount
- 12 Mask prot tk
- 1 Msg device digital
- 4 Night vision goggles
- 4 Night vision sight
- 4 Pwr sup assy veh
- 8 Radio set GRC-160
- 4 Radio set PRC-77
- 4 Radio set VRC-47
- 8 Radio set control gp GRA-39
- 4 Range finder laser
- 12 Reeling mach RL-39
- 4 Speech sec equip KY-38
- 8 Tel set TA-312

(5) INFANTRY COMPANY FISTS

Personnel

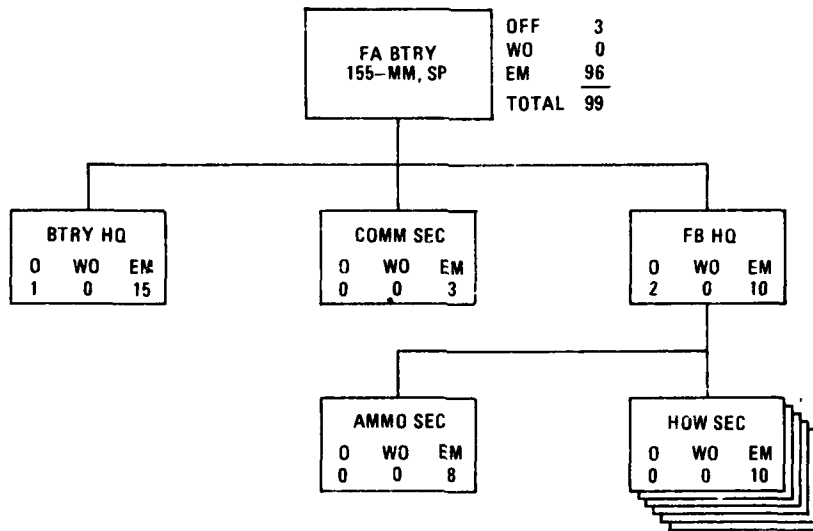
- 5 Lt FIST Ch
- 5 E6 FS Sgt
- 15 E5 FO
- 5 E4 FS Sp
- 15 E3 RTO

Equipment

- 10 Accy kit MK 1265
- 5 Accy kit MK 1266
- 5 Antenna AT-984
- 5 Antenna RC-292
- 25 Binocular
- 60 Cable tel (1/4 mi)
- 10 Camouflage screen sys

- 10 Camouflage screen spt sys
- 5 Carrier pers
- 25 Compass mag
- 5 Generator 1.5kw
- 5 Instal kit MK 1626
- 5 Lchr gren 40mm
- 5 MG cal 50 w/mount
- 20 Msg device digital
- 5 Night vision goggles
- 5 Night vision sight TVS-5
- 5 Pwr sup assy veh
- 10 Radio set GRC-160
- 15 Radio set PRC-77
- 5 Radio set VRC-47
- 10 Radio set control gp GRA-39
- 10 Range finder laser
- 30 Reeling mach RL-39
- 5 Speech sec equip KY-38
- 5 Switchboard SB-993
- 25 Tel set TA-312
- 15 Mask prot tk

TOE 6-367H
 FIELD ARTILLERY BATTERY, 155-MM, SELF-PROPELLED,
 FIELD ARTILLERY BATTALION, ARMORED/MECHANIZED DIVISION



MISSION: To provide a fire component of the field artillery battalion 155-mm SP.

TOE 6-367H

BTRY HQ

Personnel

- 1 O3 BC
- 1 E8 1st Sgt
- 1 E6 Food Svc Sgt
- 1 E6 Motor Sgt
- 1 E6 Sup Sgt
- 1 E5 1st Cook
- 1 E5 NBC Opns NCO
- 1 E4 Armorer
- 1 E4 Cook
- 1 E4 Equip Maint Clk
- 1 E4 Trk Veh Mech
- 2 E3 Track Veh Mech
- 1 E3 Veh Driver
- 1 E3 Cook
- 1 E4 Pwr Gen & W Veh Mech

Equipment

- 1 Accy outfit fld range
- 99 Bayonet
- 1 Binocular
- 1 Cabinet tool/sp parts
- 1 Cabinet tool/sp parts 35½H
- 1 Cable wire (¼ mi)
- 24 Camouflage screen sys
- 19 Camouflage screen spt sys
- 2 Charger radiac
- 1 Code changer key KYK-28
- 1 Compass mag
- 1 Compressor
- 4 Heater immersion
- 1 Instal kit MK 1306
- 1 Instal kit MK 1554
- 2 Lchr gren 40mm
- 4 Lchr practice
- 1 MG cal 50 w/mount
- 2 MG 7.62mm w/tripod
- 18 Mask prot tk
- 81 Mask CBR
- 1 Multimeter
- 6 Night vision goggles
- 4 Night vision sight PVS-4
- 1 Pistol cal 45
- 1 Pwr sup assy
- 1 Radiac set
- 2 Radiacmeter IM-93
- 1 Radiacmeter IM-174
- 1 Radio set VRC-47
- 1 Radio set control gp GRA-39
- 2 Range outfit
- 1 Reeling mach RL-39
- 98 Rifle 5.56mm
- 1 Speech sec equip KY-38
- 2 Tel set TA-312
- 1 Shop equip auto maint
- 4 Tool kit mech
- 1 Tool kit carpenters
- 1 Tool kit sml arms
- 1 Tlr ¼T
- 1 Tlr 1½T
- 1 Tlr tk wtr

- 2 Trk 2½T
- 1 Trk 2½T w/winch
- 1 Trk ¼T
- 1 Trk 2½T
- 6 Watch wrist

COMM SECTION

Personnel

- 1 E6 Tact Comm Ch
- 1 E4 Tact Wire Opns Sp
- 1 E3 Tact Wire Opns Sp

Equipment

- 1 Axle cable RL-27
- 7 Cable tel (¼ mi)
- 6 Cable tel 2 cond fld wire
- 1 Detecting set mine
- 1 Detecting set mine PSS-11
- 1 Lchr gren 40mm
- 1 Reeling mach RL-31
- 1 Switchboard SB-22
- 5 Tel set TA-312

FB HQ

Personnel

- 1 Lt XO
- 1 Lt FDO
- 1 E7 Ch of FB
- 1 E7 Gunnery Sgt
- 1 E6 Ch FD Comp
- 1 E5 Sr FD Sp
- 1 E4 FD Sp
- 1 E4 CP Carrier Driver
- 2 E4 Weapons Mech
- 2 E3 FD Sp

Equipment

- 1 Accy kit MK 1320
- 1 Accy kit MK 1326
- 3 Aiming circle
- 2 Alarm CML
- 2 Antenna AT-984
- 4 Antenna RC-292
- 2 Binocular
- 5 Cable tel DR-8
- 8 Camouflage screen sys
- 6 Camouflage screen spt sys
- 1 CP carrier
- 1 Code changer key KYK-28
- 2 Compass mag
- 1 Computer gun dir
- 1 Data display arty
- 1 Demo set explosive
- 2 FD set arty
- 1 Generator 1.5kw
- 2 Generator 3kw
- 1 Generator 3kw DC
- 3 Headset microphone
- 1 Instal kit MK 1253
- 1 Instal kit MK 1663
- 1 Instal kit MK 1644
- 2 Lchr gren 40mm
- 1 Light set gen illum
- 3 Plotting bd indir fire

- 2 Plotting set arty fire control
- 2 Pwr sup assy
- 2 Radiacmeter IM-93
- 1 Radiacmeter IM-174
- 1 Radio st VRC-46
- 1 Elec key gen half duplex
- 1 Instal kit elec equip
- 1 Purging kit FL
- 2 Radio set VRC-47
- 3 Radio set control gp GRA-39
- 3 Reeling mach RL-39
- 2 Speech sec equip KY-38
- 1 Switchboard SB-993
- 1 Tel con/switching gp MX 155/GT
- 5 Tel set TA-312
- 1 Tool kit arty mech
- 1 Tool kit sp wpns
- 2 Tool kit turret mech
- 1 Tlr ¾T
- 1 Trk 1¼T
- 1 Tool kit FD arty remote

(6) HOWITZER SECTIONS

Personnel

- 6 E6 Sec Ch
- 6 E5 Gunner
- 6 E4 Asst Gunner
- 6 E4 Cargo Carrier Driver
- 6 E4 Motor Car Driver
- 24 E3 Cannoneer
- 6 E4 Cannoneer/Assembler

Equipment

- 6 Accy kit
- 6 Cable tel (¼ mi)
- 48 Camouflage screen sys
- 48 Camouflage screen spt sys
- 6 Carrier cargo
- 6 Compass mag
- 6 Headset microphone
- 6 Howitzer 155mm SP
- 6 Loudspeaker
- 12 MG 50 cal w/tripod
- 6 Reeling mach RL-39
- 6 Tel set TA-312
- 6 Tlr ammo 1½T

AMMO SECTION

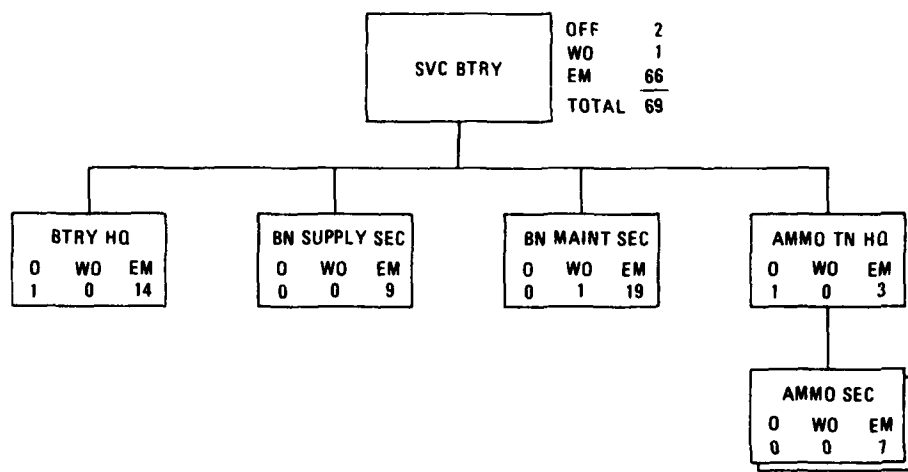
Personnel

- 1 E5 Sec Ch
- 1 E5 Hvy Veh Driver
- 4 E4 Hvy Veh Driver
- 2 E3 Ammo Handler

Equipment

- 2 Cable tel (¼ mi)
- 9 Camouflage screen sys
- 6 Camouflage screen spt sys
- 3 Lchr gren 40mm
- 3 MG 7.62mm w/tripod
- 3 Tlr ammo 1½T
- 3 Trk 8T
- 1 Tel set TA-312

TOE 369H
 SERVICE BATTERY, FIELD ARTILLERY BATTALION,
 155-MM, SELF-PROPELLED, ARMORED/MECHANIZED DIVISION



MISSION: To procure and distribute supplies of all classes to units of the battalion, to maintain appropriate supply records, and to perform organizational-level maintenance functions not otherwise accomplished within the battalion.

TOE 6-369H**BTRY HQ****Personnel**

1 O3 BC
 1 E8 1st Sgt
 1 E6 Food Svc Sgt
 1 E6 Supply Sgt
 1 E6 Motor Sgt
 1 E5 1st Cook
 1 E5 NBC Opns NCO
 1 E4 Armorer
 1 E4 Cook
 1 E4 Equip Maint Clk
 1 E4 Tact Wire Opns Sp
 1 E4 Pwr gen & W Veh Mech
 1 E3 Lt Veh Driver
 1 E3 Cook
 1 E3 Pwr Gen & W Veh Mech

Equipment

1 Accy outfit fld range
 1 Alarm CML
 1 Antenna RC-292
 15 Bayonet
 1 Binocular
 1 Cabinet tool/sp parts 35½H
 1 Cabinet tool/sp parts w/18 drws
 8 Cable tel (¼ mi)
 22 Camouflage screen sys
 22 Camouflage screen spt sys
 2 Charger radiac
 1 Code changer key KYK-28
 4 Coil tel repeating
 1 Compass mag
 1 Compressor
 1 Detecting set mine
 1 Detecting set mine PSS-11
 1 Generator 1.5kw
 4 Heater immersion
 1 Instal kit MK 1234
 1 Instal kit MK 1552
 2 Lchr gren 40mm
 4 Lchr rkt practice
 2 MG 7.62mm w/tripod
 15 Mask CBR
 5 Night vision goggles PVS-5
 3 Night vision sight PVS-4
 2 Night vision sight TVS-5
 1 Pistol cal 45
 1 Pwr sup assy
 1 Radiac set
 2 Radiacmeter IM-93
 1 Radiacmeter IM-174
 1 Radio set VRC-46
 1 Radio set control gp GRA-39
 2 Range outfit fld
 2 Reeling mach RL-39
 14 Rifle 5.56mm
 1 Speech sec equip
 1 Switchboard SB-22
 6 Tel set TA-312
 1 Shop equip auto maint

2 Tool kit mech
 1 Tool kit carpenters
 1 Tool kit sml arms
 1 Tlr 1½T
 1 Tlr tk wtr
 2 Trk 2½T
 1 Trk 2½T w/winch
 1 Trk ¼T
 6 Watch wrist

BN SUPPLY SECTION**Personnel**

1 E7 Supply Sgt
 1 E5 Gen Supplyman
 2 E3 Veh Driver
 1 E4 Gen Supplyman
 3 E4 Hvy Veh Driver
 1 E3 Gen Supplyman

Equipment

9 Bayonet
 7 Camouflage screen sys
 7 Camouflage screen spt sys
 1 Generator 1.5kw
 1 Lchr gren 40mm
 1 Light set gen illum
 1 MG 7.62mm w/tripod
 9 Mask CBR
 1 Reeling mach RL-39
 9 Rifle 5.56mm
 1 Tank/pump unit
 1 Tank unit liquid disp
 1 Tel set TA-312
 1 Tlr 1½T
 2 Trk 2½T
 1 Trk 5T
 2 Trk tk fuel servicing 2500 gal
 2 Cable tel DR-8

BN MAINT SECTION**Personnel**

1 WO Auto Maint Tech
 1 E8 Motor Maint Sgt
 1 E5 Sr Recovery Veh Opr
 1 E5 Track Veh Mech
 1 E4 Trk Veh Mech
 1 E4 Recovery Veh Opr
 1 E4 PLL Clk
 1 E4 Welder
 1 E4 Wrecker Opr
 2 E3 Trk Veh Mech
 2 E3 Recovery Veh Opr
 3 E4 Pwr Gen & W Veh Mech
 2 E5 Prw Gen & W Veh Mech
 2 E3 Pwr Gen & W Veh Mech

Equipment

2 Accy kit MK 1296
 20 Bayonet
 2 Cabinet tool/sp parts 3 shelves
 1 Cabinet tool/sp parts 35½H
 15 Camouflage screen sys
 15 Camouflage screen spt sys

2 Cable tel DR-8
 1 Compressor
 2 Generator 1.5kw
 2 Generator 3kw
 1 Heater duct type
 1 Instal kit MK 1234
 1 Lchr gren 40mm
 2 MG cal 50
 4 Mask prot tank
 16 Mask CBR
 1 Multimeter
 2 Charger battery
 4 Pistol cal 45
 1 Radio set GRC-160
 2 Radio set VRC-64
 2 Recovery vehicle full tracked
 1 Reeling mach RL-39
 16 Rifle 5.56mm
 4 Sub MG cal 45
 1 Tel set TA-312
 1 Shop equip auto maint
 11 Tool kit mech
 1 Tool kit welders
 1 Tool kit veh full tracked
 1 Tlr ¼T
 2 Tlr 1½T
 2 Trk 2½T
 1 Trk ¼T
 1 Trk wrecker 10T

AMMO TRAIN HQ**Personnel**

1 Lt Ammo Off
 1 E7 Ammo Sup Sgt
 1 E4 Ammo Sp
 1 E4 Ammo Clk

Equipment

1 Alarm CML
 4 Bayonet
 2 Cable tel DR-8
 2 Camouflage screen sys
 2 Camouflage screen spt sys
 1 Code changer key KYK-28
 1 Demo set explosive
 1 Instal kit MK 1246
 1 Instal kit MK 1663
 1 Lchr gren 40mm
 4 Mask CBR
 1 Pwr sup assy
 2 Radiacmeter IM-93
 1 Radiacmeter IM-174
 1 Radio set VRC-46
 1 Reeling mach RL-39
 4 Rifle 5.56mm
 1 Speech sec equip KY-38
 1 Tool kit Sp wpns
 1 Tel set TA-312
 1 Trk 1¼T

(3) AMMO SECTIONS**Personnel**

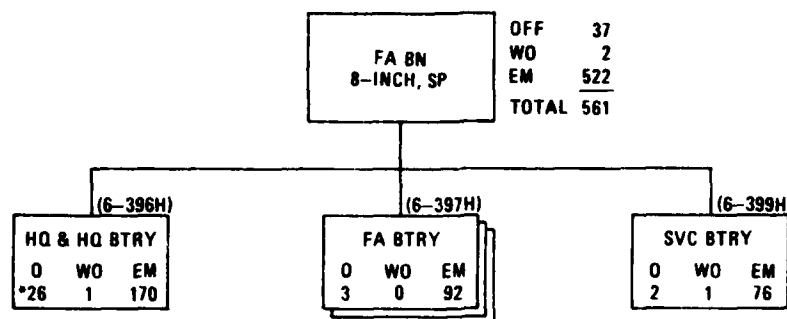
3 E6 Sec Ch

- 1 E6 Hvy Veh Driver
- 3 E5 Hvy Veh Driver
- 5 E4 Hvy Veh Driver
- 9 E3 Ammo Handler

Equipment

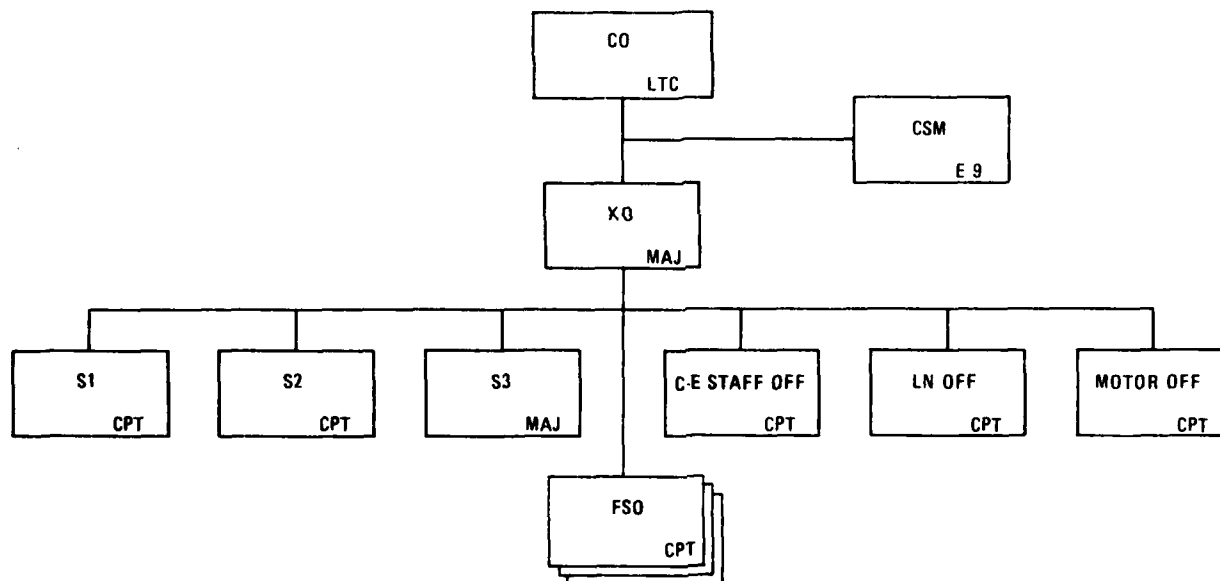
- 21 Bayonet
- 18 Camouflage screen sys
- 18 Camouflage screen spt sys
- 3 Lchr gren 40mm
- 3 MG 7.62mm w/tripod
- 21 Mask CBR
- 21 Rifle 5.56mm
- 9 Trl ammo 1½T
- 9 Trk 8T

TOE 6-395H
FIELD ARTILLERY BATTALION, 8-INCH, SELF-PROPELLED,
ARMORED DIVISION



*SEE TOE 6-396H020 FOR HHB, MECH DIV ARTY

STAFF (TOE 6-396H)



TOE 6-395H

MISSION: To provide FA fires, to include nuclear fires, in general support of the armored or mechanized division, and to reinforce the fires of other FA units.

SUMMARY — MAJOR ITEMS OF EQUIPMENT

TRANSPORTATION

| | |
|--------------------------------------|----|
| Carrier, personnel, tracked | 9 |
| carrier, cargo, tracked, 6-ton | 12 |
| Carrier, CP, lt, tracked | 8 |
| Recovery veh, full tracked, lt, armd | 2 |
| Recovery meh, full tracked, med | 1 |
| Trailer, 1/4-ton | 14 |
| Trailer, 1 1/2-ton | 12 |
| Trailer, ammo, 1 1/2-ton | 30 |
| Trailer, tank, water, 400 gal | 5 |
| Truck, ambulance, 1 1/4-ton | 1 |
| Truck, 1 1/4-ton | 17 |
| Truck, 2 1/2-ton | 16 |
| Truck, 8-ton | 18 |
| Truck, 1/4-ton | 19 |
| Truck, van, shop 2 1/2-ton | 3 |
| Truck, wrecker, 10-ton | 1 |
| Truck, 2 1/2-ton, w/winch | 3 |
| Truck, 5-ton | 4 |

MATERIEL

| | |
|----------------------------------|-----|
| Howitzer, hvy, SP, 8-inch | 12 |
| Launcher, grenade, 40-mm | 57 |
| Machinegun, 50 cal (12 w/mounts) | 27 |
| Machinegun, 7.62-mm, w/tripod | 43 |
| Pistol, cal 45 | 25 |
| Rifle, 5.56-mm | 429 |
| Submachinegun, cal 45 | 6 |

GUNNERY

| | |
|--------------------------------------|----|
| Aiming circle | 12 |
| Duplicating machine, spirit, process | 1 |
| Duplicating machine, stencil | 1 |
| FD set, arty | 10 |
| Plotting board, indir fire | 13 |
| Plotting set, arty fire control | 8 |
| Range finder (Laser) | 11 |

TARGET ACQUISITION

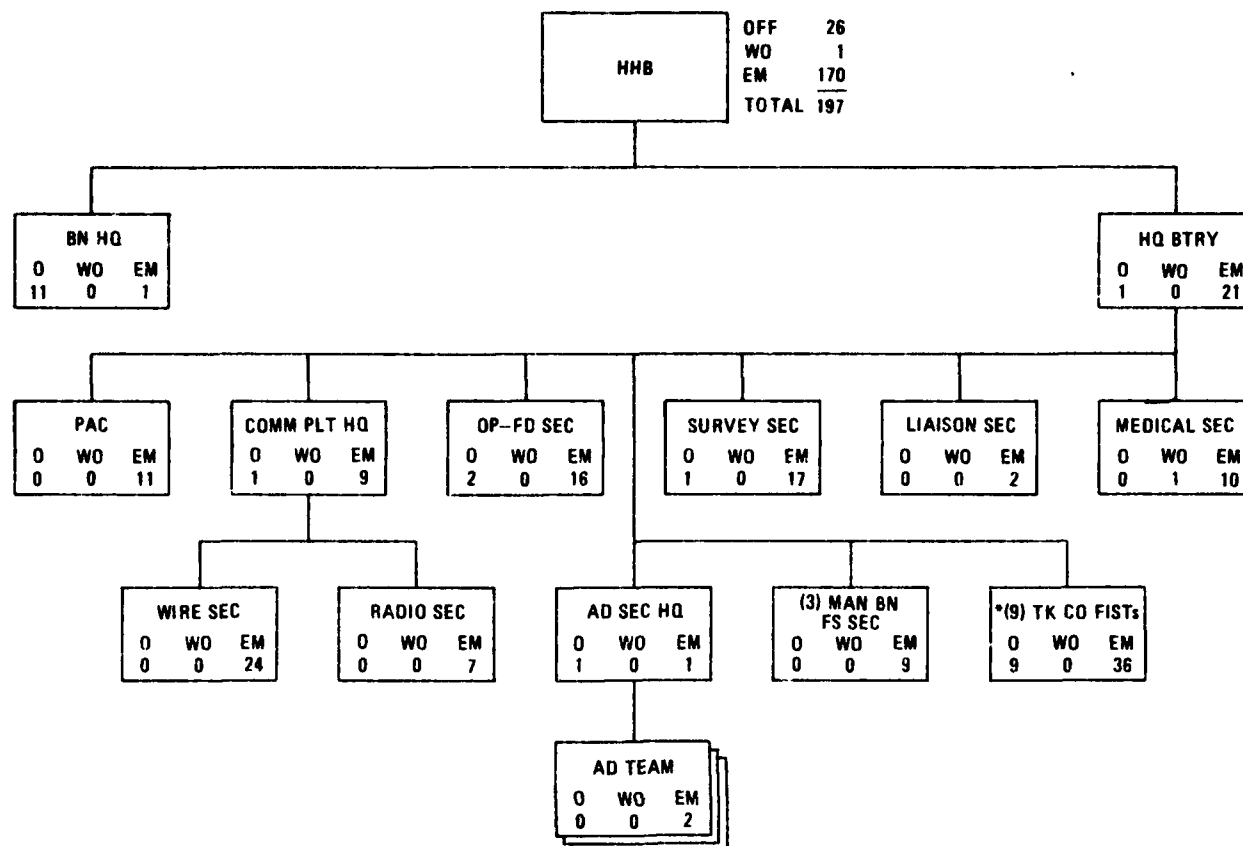
| | |
|-----------------------------------|----|
| Night vision goggles | 34 |
| Night vision sight crew svd wpns | 11 |
| Night vision sight indiv svd wpns | 18 |
| Night vision sight tripod mtd | 1 |
| Periscope, BC | 2 |

| | |
|--|---|
| Surveying instr, az gyro | 3 |
| Surveying instr, DME | 3 |
| Surveying set, arty, fire control, 4th order | 3 |
| Theodolite survey | 3 |

COMMUNICATIONS

| | |
|--|-----|
| Antenna, AT-984 | 19 |
| Antenna, RC-292 | 36 |
| Axle, cable, reel, RL-27 | 7 |
| Cable, assy, tel | 6 |
| Cable, tel, WD-1/TT, DR-8, 1/4-mi | 101 |
| Cable, tel, WD-1/TT, RL-159/U, 1 mi | 56 |
| Cable, tel, WD-1/TT, fld wire | 34 |
| Code changer key KYK-28/TSEC | 10 |
| Coil, tel repeating | 12 |
| Electronic TT security equip TSEC/KW-7 | 2 |
| Headset, microphone | 30 |
| Inverter vibrator | 1 |
| Radio set AN/GRC-160 | 22 |
| Radio set AN/PRC-77 | 15 |
| Radio set AN/VRC-46 | 16 |
| Radio set AN/VRC-47 | 23 |
| Radio set AN/VRC-48 | 1 |
| Radio set AN/VRC-49 | 4 |
| Radio set AN/VRC-64 | 4 |
| Radio set control gp AN/GRA-39 | 46 |
| RTT set AN/GRC-142 | 2 |
| Reel, cable, DR-8 | 8 |
| Reeling machine, cable, hand, RL-31 | 7 |
| Reeling machine, cable, hand, RL-39 | 70 |
| Reeling machine, cable, motor driven | 4 |
| Reproducer, signal data | 1 |
| Speech security equip TSEC/KY-38 | 32 |
| Splicing kit, tel, cable | 4 |
| Switchboard, SB-22 | 8 |
| Switchboard, SB-993 | 6 |
| Tac digital regenerative repeater | 4 |
| Telephone, conn/switching gp MX-155 | 3 |
| Telephone set TA-264/PT | 1 |
| Telephone set TA-312/PT | 121 |

TOE 6-396H
HEADQUARTERS AND HEADQUARTERS BATTERY, FIELD ARTILLERY BATTALION,
8-INCH, SELF-PROPELLED, ARMORED DIVISION



*COMPOSITION OF TEAMS DIFFERS IN MECH DIV ARTY

MISSION To direct and coordinate operations of the battalion and to provide facilities with which the battalion commander can control the battalion.

TOE 6-396H**BN HQ****Personnel**

1 05 Bn Cmdr
 1 04 XO
 1 04 S3
 1 03 CE Stf Off
 1 03 LO
 1 03 Motor Off
 1 03 S1
 1 03 S2
 3 03 FSO
 1 E9 CSM

Equipment

6 Pistol cal 45

BTRY HQ**Personnel**

1 03 BC
 1 E8 1st Sgt
 1 E7 Food Svc Sgt
 1 E6 Supply Sgt
 1 E6 Motor Sgt
 1 E6 1st Cook
 1 E5 Cook
 1 E4 Armorer
 2 E4 Cook
 2 E4 Track Veh Mech
 1 E4 Equip Maint Clk
 1 E3 Cook
 1 E5 Trk Veh Mech
 1 E3 Lt Veh Driver
 1 E5 Pwr Gen & W Veh Mech
 2 E4 Pwr Gen & W Veh Mech
 2 E3 Pwr Gen & W Veh Mech
 1 E3 Trk Veh Mech

Equipment

1 Accy outfit fld range
 1 Alarm CML
 185 Bayonet
 1 Binocular
 1 Cabinet tool/sp parts w/18 drwr
 1 Cabinet tool/sp parts 35½H
 22 Camouflage screen sys
 22 Camouflage screen spt sys
 1 Charger battery
 2 Charger radiac detector
 1 Compass mag
 1 Compressor
 10 Heater immersion
 1 Instal kit MK 1324
 2 Kitchen fld tir mtd
 2 Lchr gren 40mm
 4 Lchr rkt practkce
 2 MG 7.62mm w/tripod
 165 Mask CBR
 1 Multimeter
 5 Night vision goggles PVS-5
 2 Night vision sight PVS-4
 1 Pistol cal 45

2 Radiacmeter IM-93
 1 Radiacmeter IM-154
 1 Radio st VRC-64
 3 Range outfit fld
 175 Rifle 5.56mm
 5 Tel set TA-312
 1 Shop equip auto maint
 9 Tool kit mech
 1 Tool kit carpenters
 1 Tlr ¼T
 1 Tool kit sml arms
 1 Tlr 1½T
 1 Tlr tk wtr
 3 Trk 2½T
 1 Trk ¼T
 16 Watch wrist

PAC**Personnel**

1 E7 PAC Supv
 1 E6 Pers Stf NCO
 1 E6 Reenlist NCO
 1 E5 Legal Clk
 1 E5 PAC Clk
 1 E4 Clk Typist
 1 E4 PAC Clk
 2 E3 Lt Veh Driver
 2 E3 PAC Clk

Equipment

2 Binocular
 9 Camouflage screen system
 9 Camouflage sceen spt sys
 2 Compass mag
 1 Duplicating mach spirit
 1 Instal kit MK 1246
 1 Instal kit MK 1306
 1 Instal kit MK 1554
 1 Pwr sup assy
 1 Radio set VRC-46
 1 Radio set VRC-47
 1 Speech sec equip KY-38
 3 Tel set TA-312
 1 Tlr ¼T
 1 Trk 1¼T
 1 Trk ¼T

OPS-FD SECTION**Personnel**

2 03 FDO
 1 E8 Intel Sgt
 1 E8 Ops Sgt
 1 E7 FC NCO
 2 E6 TF Comp Opr
 2 E5 TF Equip Sp
 2 E4 TF Opns Sp
 1 E4 Clk Typist
 2 E4 TF Opns Sp
 2 E3 TF Opns Sp
 1 E3 Veh Driver
 1 E6 NBC Opns/Staff NCO

Equipment

6 Accy kit MK 1326
 1 Alarm CML
 1 Antenna AT-984
 8 Antenna RC-292
 2 Binocular
 7 Cable tel (¼ mi)
 2 Cable tel
 2 Cond fld wire
 3 Camouflage screen sys
 8 Camouflage screen spt sys
 2 Carrier CP
 1 Code changer key KYK-28
 2 Compass mag
 1 FDC arty
 1 Duplicating mach stencil
 1 Elec key gen half duplex
 4 FD set arty
 1 Generator 1.5kw
 1 Generator 3kw
 4 Headset microphone
 1 Instal kit elec equip
 1 Instal kit MK 1306
 1 Instal kit MK 1554
 2 Instal kit MK 1644
 1 Lchr gren 40mm
 1 Light set gen illum
 6 Mask prot tk
 1 MSG entry device VF
 4 Plotting bd indir fire
 2 Plotting set arty fire control
 3 Pwr sup assy
 8 Radio set VRC-46
 1 Radio set VRC-47
 6 Radio set control gp GRA-39
 5 Reeling mach RL-39
 3 Speech sec equip KY-38
 1 Switchboard SB-22
 4 Tape trans cartridge
 1 Tool kit FD arty remote
 1 Tool kit FD sys arty
 1 Pwr plant elec
 1 Tel set TA-264
 8 Tel set TA-312
 1 Trk 1¼T
 1 Trk ¼T
 2 Trk 5T

SURVEY SECTION**Personnel**

1 Lt Recon/Survey Off
 1 E7 Ch Surveyor
 3 E6 Ch Survey Party
 3 E5 Survey Comp
 3 E5 Survey Comp/Recorder
 3 E4 Instr Opr
 1 E3 Lt Veh Driver
 3 E3 Rodman/Tapeman

Equipment

3 Aiming circle
 7 Binocular
 8 Camouflage screen sys

- 8 Camouflage screen spt sys
- 1 Charger battery
- 7 Compass mag
- 1 Instal kit MK 1234
- 3 Lchr gren 40mm
- 3 MG 7.62mm w/tripod
- 1 Night vision sight TVS-4
- 2 Periscope BC
- 6 Radio set PRC-77
- 1 Radio set VRC-46
- 2 Range finder laser
- 3 Surveying inst az gyro
- 3 Surveying instr DME
- 3 Surveying set arty fire control
- 3 Theodolite survey
- 3 Trk 1 1/4T
- 1 Trk 1/4T

LIAISON SECTION

Personnel

- 1 E6 Ln Sgt
- 1 E4 Ln Sp

Equipment

- 1 Antenna RC-292
- 1 Binocular
- 1 Cable tel (1/4 mi)
- 2 Camouflage screen sys
- 2 Camouflage screen spt sys
- 1 Compass mag
- 1 Generator 1.5kw
- 1 Instal kit MK 1234
- 1 Instal kit MK 1552
- 1 Lchr gren 40mm
- 1 Pwr sup assy
- 1 Radio set VRC-46
- 1 Radio set control gp GRA-39
- 1 Reeling mach RL-39
- 1 Speech sec equip KY-38
- 1 Tel set TA-312
- 1 Tlr 1/4T
- 1 Trk 1/4T

COMM PLAT HQ

Personnel

- 1 Lt Plat Ldr
- 1 E8 Tact Comm Ch
- 1 E5 Tact Comm Sys Supv
- 1 E3 Veh Driver
- 3 E3 Tact Comm Sys Op/Mech
- 1 E3 Tact Wire Opns Sp
- 1 E4 Tact Wire Opns Sp
- 1 E4 SP Elec Dev Rpr

Equipment

- 2 Antenna RC-292
- 1 Binocular
- 1 Cable tel (1/4 mi)
- 6 Camouflage screen sys
- 6 Camouflage screen spt sys
- 1 Code changer key KYK-28
- 1 Compass mag
- 1 Detecting set mine

- 1 Detecting set mine PSS-11
- 1 Generator 1.5kw
- 1 Instal kit MK 1224
- 1 Instal kit MK 1552
- 1 Instal kit MK 1646
- 1 Inverter vibrator
- 1 Lchr gren 40mm
- 1 Multimeter
- 1 Pwr sup assy veh
- 2 Radiacmeter IM-93
- 1 Radiacmeter Im-174
- 1 Radio set VRC-49
- 1 Radio set control gp GRA-39
- 1 Reeling mach RL-39
- 1 Reproducer sig data
- 1 Speech sec equip KY-38
- 1 Tac digital regen repeater
- 2 Tel set TA-312
- 1 Test battery
- 1 Test set comp logic
- 1 Test set elec tube
- 1 Test set radio
- 1 Test set radio freq
- 4 Tool kit elec equip
- 1 Tool kit prec instr
- 1 Tlr 1/4T
- 1 Trk 1/4T
- 1 Trk 1/4T

WIRE SECTION

Personnel

- 1 E6 Tact Comm Ch
- 4 E5 Tact Wire Opns Tm Ch
- 5 E4 Tact Wire Ops Sp
- 14 Tac Wire Ops Sp

Equipment

- 4 Axle cable RL-27
- 2 Cable assy CX 4566
- 4 Cable assy CX 4760
- 35 Cable tel (1/4 mi)
- 10 Cable tel 2 cond fld wire
- 9 Camouflage screen sys
- 9 Camouflage screen spt sys
- 8 Coil tel repeating
- 4 Lchr gren 40mm
- 4 MG 7.62mm w/tripod
- 4 Reeling mach RL-31
- 4 Reeling mach RL-172
- 4 Splicing kit tel
- 3 Switchboard SB-22
- 8 Tel set TA-312
- 4 Trk 1 1/4T
- 1 Trk 1/4T

RADIO SECTION

Personnel

- 1 E6 RATT Opns Supv
- 2 E5 RATT Opns Tm Ch
- 2 E4 RATT Opr
- 2 E3 RATT Opr

Equipment

- 2 Cable tel (1/4 mi)
- 6 Camouflage screen sys
- 6 Camouflage screen spt sys
- 2 Elec TT sec equip KW-7
- 2 Generator 5kw
- 2 Headset microphone
- 2 RTT set GRC-142
- 2 Reeling mach RL-39
- 2 Tel set TA-312
- 2 Trk 1 1/4T

MEDICAL SECTION

Personnel

- 1 WO Physician's Asst
- 1 E6 Sec Sgt
- 1 E6 Prac Nurse
- 1 E5 Medical Aide
- 4 E4 Btry Aidman
- 1 E4 Medical Aide
- 1 E4 Ambulance Driver
- 1 E3 Ambulance Attendant

Equipment

- 1 Blanket set bed
- 9 Camouflage screen sys
- 9 Camouflage screen spt sys
- 1 Gen set 1.5kw
- 1 Lt set gen illum
- 10 Mask head wound
- 1 Medical equip set Bn Aid sta
- 5 Pistol cal 45
- 1 Radiac set
- 2 Shelter sys coll prot
- 1 Splint set
- 8 Surgical instr/sup set
- 1 Tel set TA-312
- 1 Trk amb 1 1/4T
- 1 Trk 1 1/4T
- 1 Watch wrist

AD SECTION HQ

Personnel

- 1 Lt Sec Ldr
- 1 E6 Sec Sgt

Equipment

- 1 Cable tel (1/4 mi)
- 1 Camouflage screen sys
- 1 Camouflage screen spt sys
- 1 Code changer key KIK-18
- 1 Gen set 1.5kw
- 1 Display set tgt alert data
- 1 Instal kit MK 1225
- 1 Radio set VRC-48
- 1 Radio set control gp GRA-39
- 1 Tel set TA-312
- 1 Interrogator set
- 1 Interrogator comp
- 1 Programmer interrogator
- 1 Tng seg GM sys
- 1 Tlr 1/4T
- 1 Trk 1/4T
- 1 Reeling mach RL-39

(3) AD TEAMS

Personnel

- 3 E5 Tm Ch
- 3 E4 Gunner

Equipment

- 6 Binocular
- 3 Cable tel (1/4 mi)
- 3 Camouflage screen sys
- 3 Camouflage screen spt sys
- 3 Display set tgt alert data
- 3 Instal kit MK 1234
- 3 Pistol cal 45
- 3 Radio set GRC-160
- 3 Reeling mach RL-39
- 3 Harness GM equip
- 6 Interrogator set
- 3 Trainer handling GM lchr
- 6 Tel set TA-312
- 3 Tlr 1/4T
- 3 Trk 1/4T

(3) MANEUVER BN FS SECTIONS

Personnel

- 3 E7 FS Sgt
- 6 E4 FS Sp

Equipment

- 3 Accy kit MK 1321
- 3 Antenna AT-984
- 3 Antenna RC-292
- 6 Binocular
- 12 Cable tel (1/4 mi)
- 12 Camouflage screen sys
- 12 Camouflage screen spt sys
- 3 Carrier CP
- 3 Charger battery
- 6 Compass mag
- 3 Electr key gen half duplex
- 3 Instal kit elec equip
- 3 Instal kit MK 1306
- 3 Instal kit MK 1554
- 3 Instal kit MK 1644
- 3 Instal kit MK 1680
- 3 Headset micro
- 3 Msg entry device VF
- 3 Tool kit FD arty
- Remote equip
- 3 Lchr gren 40mm
- 6 Mask prot tk
- 6 Pwr sup assy
- 3 Radio set VRC-47
- 3 Radio set VRC-49
- 6 Radio set control gp GRA-39
- 6 Reeling mach RL-39
- 6 Speech sec equip KY-38
- 3 Switchboard SB-993
- 3 Tac digital regen repeater
- 6 Tel set TA-312
- 3 Tlr 1/4T
- 3 Trk 1/4T

(9) TANK COMPANY FISTs

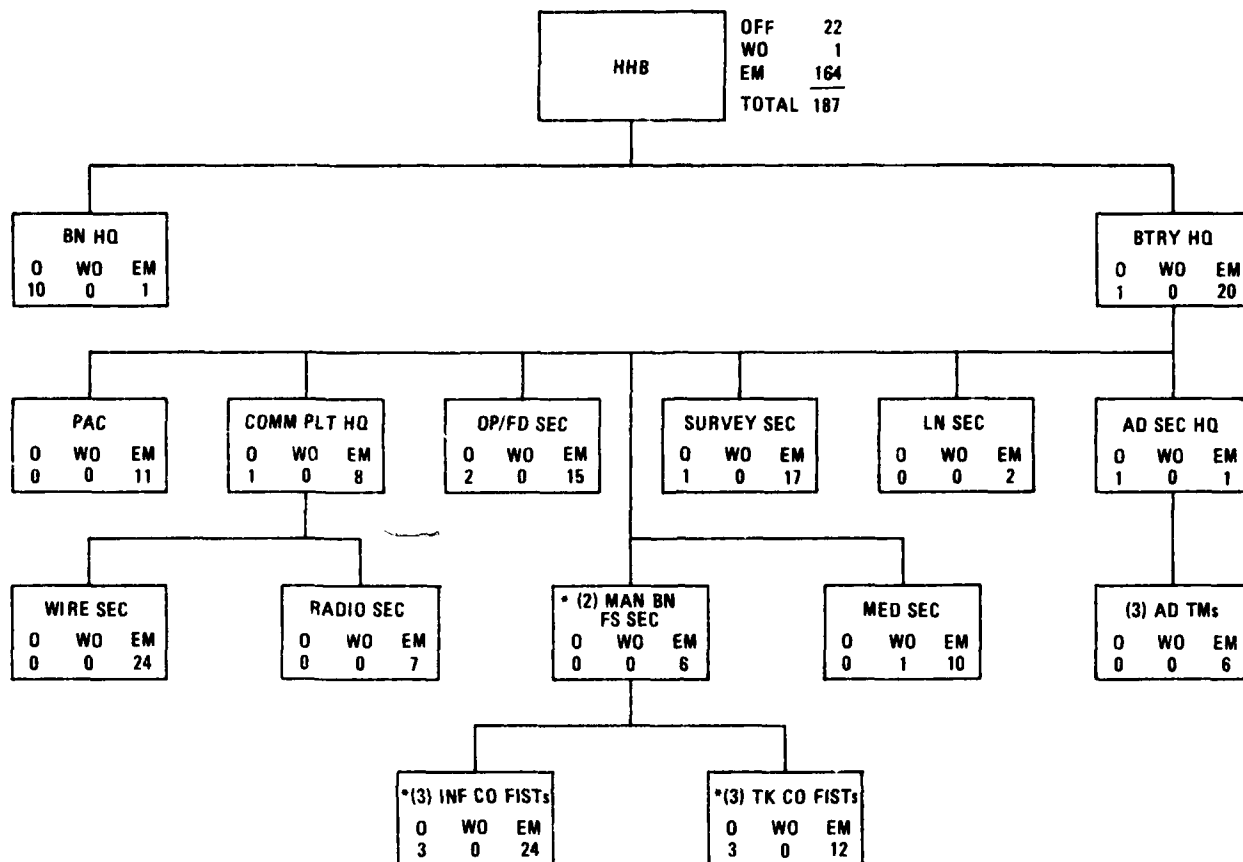
Personnel

- 9 Lt FIST Ch
- 9 E6 FS Sgt
- 9 E4 FS Sp
- 18 E3 RTO

Equipment

- 18 Accy kit MK 1265
- 9 Accy kit MK 1266
- 9 Antenna AT-984
- 9 Antenna RC-292
- 27 Binocular
- 36 Cable tel (1/4 mi)
- 18 Camouflage screen sys
- 18 Camouflage screen spt sys
- 9 Carrier pers
- 18 Compass mag
- 9 Generator 1.5kw
- 9 Instal kit MK 1646
- 9 Lchr gren 40mm
- 27 Mask prot tk
- 18 Msg device digital
- 9 MG cal 50/tripod
- 9 Night vision goggles
- 9 Night vision sight TVS-5
- 9 Pwr sup assy
- 18 Radio set GRC-160
- 9 Radio set PRC-77
- 9 Radio set VRC-47
- 18 Radio set control gp GRA-39
- 9 Range finder laser
- 27 Reeling mach RL-39
- 9 Speech sec equip KY-38
- 18 Tel set TA-312

TOE 6-396H020
HEADQUARTERS AND HEADQUARTERS BATTERY,
FA BN, 8-IN SP, MECH DIV.



*COMPOSITION DIFFERS IN ARMORED DIV ARTY

MISSION: To direct/coordinate operations of the battalion and to provide facilities with which the battalion commander can control the battalion.

TOE 6-396H020

BN HQ

Personnel

1 05 Bn Cmdr
1 04 XO
1 04 S3
1 03 CE Stf Off
2 03 FSO
1 03 LO
1 03 Motor Off
1 03 S1
1 03 S2
1 E9 CSM

Equipment

1 Instal kit MK 1306
1 Instal kit MK 1554
1 Pwr assy veh
1 Radio set VRC-47
1 Speech sec equip KY-38
1 Trk 1/4T
1 Tlr 1/4T

BTRY HQ

Personnel

1 03 BC
1 E8 1st Sgt
1 E7 Food Svc Sgt
1 E6 Motor Sgt
1 E6 Supply Sgt
1 E6 1st Cook
1 E5 Cook
1 E5 Track Veh Mech
1 E4 Armorer
2 E4 Cook
1 E4 Equip Maint Clk
1 E5 Pwr Gen/Whl Veh Mech
2 E4 Track Veh Mech
2 E4 Pwr Gen/Whl Veh Mech
1 E3 Cook
1 E3 Lt Veh Driver
1 E3 Pwr Gen/Whl Veh Mech
1 E3 Track Veh Mech

Equipment

1 Accy outfit fld range
1 Alarm CML
179 Bayonet
1 Binocular
1 Cabinet tool/sp parts 18 crwr
1 Cabinet tool/sp parts 35 1/2H
22 Camouflage screen sys
22 Camouflage screen spt sys
1 Charger battery
2 Charger radiacdetector
1 Compass mag
1 Compressor
10 Heater immersion
1 Instal kit MK 1234
2 Lchr gren 40mm
4 Lchr rkt practice
1 Kit fld tlr

24 Mask prot tk
163 Mask CBR
1 Multimeter
2 MG 7.62mm w/tripod
5 Night vision goggles
2 Night vision sight PVS-4
14 Pistol cal 45
2 Radiacmeter IM-93
1 Radiacmeter IM-174
1 Radio set VRC-64
3 Range fld
173 Rifle 5.56mm
5 Tel set TA-312
1 Shop equip auto maint
8 Tool kit mech
1 Tool kit carpenters
1 Tool kit sml arms
1 Tlr 1/4T
1 Tlr 1 1/2T
1 Tlr tk wtr
3 Trk 2 1/2T
1 Trk 1/4T
16 Watch wrist

PAC

Personnel

1 E7 PAC Supervisor
1 E6 Reenlistment NCO
1 E6 Pers Stf NCO
1 E5 Legal Clk
1 E5 PAC Clk
1 E4 Clk Typist
2 E4 PAC Clk
2 E3 Lt Veh Driver
1 E3 PAC Clk

Equipment

2 Binocular
9 Camouflage screen sys
9 Camouflage screen spt sys
2 Compass mag
1 Duplicating mach spirit process
1 Instal kit MK 1246
1 Radio set VRC-46
3 Tel set TA-312
1 Trk 1/4T

OPS-FD SECTION

Personnel

2 03 FDO
1 E8 Intel Sgt
1 E8 Ops Sgt
1 E7 Fire Cont NCO
2 E6 TF Equip Sp
1 E6 NBC Opns/Stf NCO
2 E5 TF Equip Sp
2 E4 TF Opns Sp
1 E4 Clk Typist
1 E4 TF Opns Sp
1 E4 Tac Wire Ops Sp
1 E3 TF Opns Sp

Equipment

4 Accy kit MK 1326
1 Alarm CML
1 Antenna AT-984
8 Antenna RC-292
2 Binocular
7 Cable tel (1/4 mi)
8 Camouflage screen sys
8 Camouflage screen spt sys
2 Carrier CP
1 Code changer key KYK-28
2 Compass mag
1 Duplicating mach spirit process
4 FD set arty
1 FDC arty
1 Elec key gen half duplex
1 Generator 1.5kw
2 Generator 1.5kw
4 Headset microphone
1 Instal kit elec equip
1 Instal kit MK 1306
1 Instal kit MK 1554
1 Instal kit MK 1644
1 Lchr gren 40mm
1 Light set gen illum
4 Plotting bd indir fire
2 Plotting set arty fire control
3 Pwr sup assy veh
8 Radio set VRC-46
1 Radio set VRC-47
6 Radio set control gp GRA-39
5 Reeling mach RL-39
4 Tape trans cartridge
3 Speech sec equip KY-38
1 Switchboard SB-22
1 Tel set TA-264
8 Tel set TA-312
1 Trk 1 1/4T
1 Trk 1/4T
1 Tool kit FD arty remote
1 Tool kit FD sys arty
2 Trk 5T
1 Pwr plant elec

SURVEY SECTION

Personnel

1 Lt Recon/Survey Off
1 E7 Ch Surveyor
3 E6 Ch of Survey Party
3 E4 Survey Comp/Recorder
3 E5 Survey Comp
3 E4 Instr Opr
1 E3 Lt Veh Driver
3 E3 Rodman/Tapeman

Equipment

3 Aiming circle
7 Binocular
8 Camouflage screen sys
8 Camouflage screen spt sys
1 Charger battery
7 Compass mag
1 Instal kit MK 1234

- 3 Lchr gren 40mm
- 3 MG 7.62mm w/tripod
- 1 Night vision sight TVS-4
- 2 Periscope BC
- 6 Radio set PRC-77
- 1 Radio set VRC-46
- 2 Range finder laser
- 3 Surveying instr az gyro
- 3 Surveying instr DME
- 3 Surveying set arty fire control 4th order
- 3 Theodolite survey
- 3 Trk 1/4T
- 1 Trk 1/4T

LIAISON SECTION

Personnel

- 1 E6 Ln Sgt
- 1 E4 Ln SP

Equipment

- 1 Antenna RC-292
- 1 Binocular
- 1 Cable tel (1/4 mi)
- 2 Camouflage screen sys
- 2 Camouflage screen spt sys
- 1 Compass mag
- 1 Generator 1.5kw
- 1 Instal kit MK 1234
- 1 Instal kit MK 1552
- 1 Lchr gren 40mm
- 1 Pwr sup assy veh
- 1 Radio set VRC-46
- 1 Radio set control gp GRA-39
- 1 Reeling mach RL-39
- 1 Tel set TA-312
- 1 Tlr 1/4T
- 1 Trk 1/4T
- 1 Speech sec equip KY-38

COMM PLAT HQ

Personnel

- 1 Lt Plat Ldr
- 1 E8 Tac Comm Ch
- 1 E5 Tac Comm Sys Supv
- 1 E4 Tac Wire Ops Sp
- 2 E3 Tac Comm Spec Opr/Mech
- 1 E3 Veh Driver
- 1 E3 Tac Wire Ops Sp
- 1 E4 Sp Elec Dev Rpr

Equipment

- 2 Antenna RC-242
- 1 Binocular
- 1 Cable tel (1/4 mi)
- 6 Camouflage screen sys
- 6 Camouflage screen spt sys
- 1 Code changer key KYK-28
- 1 Compass mag
- 1 Detecting set mine PSS-11
- 1 Detecting set mine
- 1 Generator 1.5kw
- 1 Instal kit MK 1224

- 1 Instal kit MK 1552
- 1 Instal kit MK 1646
- 1 Inverter vibrator
- 1 Lchr gren 40mm
- 1 Multimeter
- 1 Pwr gen assy
- 2 Radiacmeter IM-93
- 1 Radiacmeter Im-174
- 1 Radio set VRC-49
- 1 Radio set control gp GRA-39
- 1 Reeling mach RL-39
- 1 Reproducer sig data
- 1 Speech sec equip KY 38
- 1 Tac digital regen repeater
- 2 Tel set TA-312
- 1 Test battery
- 1 Test set comp logic
- 1 Test set elec tube
- 1 Test set radio
- 2 Test set radio freq
- 1 Tool kit prec instr
- 1 Tlr 1/4T
- 1 Trk 1/4T
- 1 Trk 1/4T
- 1 Tool kit elec equip

WIRE SECTION

Personnel

- 1 E6 Tac Comm Ch
- 4 E5 Tac Wire Ops Tm Ch
- 5 E4 Tac Wire Ops Sp
- 14 E3 Tac Wire Ops Sp

Equipment

- 4 Axle cable reel RL-27
- 2 Cable assy tel CX 4566
- 4 Cable assy tel CX 4760
- 35 Cable tel (1/4 mi)
- 10 Cable tel 2 cond fld wire
- 9 Camouflage screen sys
- 9 Camouflage screen spt sys
- 8 Coil tel repeating
- 4 Lchr gren 40mm
- 4 MG 7.62mm w/tripod
- 4 Reeling mach RL-31
- 4 Reeling mach RL-172
- 4 Splicing kit tel
- 3 Switchboard SB-22
- 8 Tel set TA-312
- 4 Trk 1/4T
- 1 Trk 1/4T

RADIO SECTION

Personnel

- 1 E6 RATT Ops Supv
- 2 E5 RATT Opns Tm Ch
- 2 E4 RATT Opr
- 2 E3 RATT Opr

Equipment

- 2 Cable tel (1/4 mi)
- 6 Camouflage screen sys
- 6 Camouflage screen spt sys

- 2 Elec TT sec equip KW-7
- 2 Generator 5kw
- 2 Headset microphone
- 2 RATT set GRC-142
- 2 Reeling mach RL-39
- 2 Tel set TA-312
- 2 Trk 1/4T

MEDICAL SECTION

Personnel

- 1 WO Physician's Asst
- 1 E6 Sec Sgt
- 1 E6 Pract Nurse
- 1 E5 Medical Aide
- 4 E4 Btry Adiman
- 1 E4 Medical Aide
- 1 E4 Ambulance Driver
- 1 E3 Ambulance Attendant

Equipment

- 1 Blanket set bed
- 9 Camouflage screen sys
- 9 Camouflage screen spt sys
- 10 Mask head wound
- 1 Med equip set Bn Aid Sta
- 1 Radiac set
- 1 Splint set
- 8 Surgical instr sup set
- 1 Lt set gen illum
- 2 Shelter sys coll prot
- 1 Tel set TA-312
- 1 Trk 1/4T
- 1 Trk amb 1/4T
- 1 Watch wrist
- 1 Gen set 1.5kw

AD SECTION HQ

Personnel

- 1 Lt Sec Ldr
- 1 E6 Sec Sgt

Equipment

- 1 Cable tel (1/4 mi)
- 1 Camouflage screen sys
- 1 Camouflage screen spt sys
- 2 Code changer key KIK-18
- 1 Display set tgt alert data
- 1 Gen set 1.5kw
- 1 Instal kit MK 1225
- 2 Interrogator comp
- 1 Interrogator comp
- 1 Programmer inter set
- 1 Radio set VRC-48
- 1 Radio set control gp GRA-39
- 1 Reeling mach RL-39
- 1 Tel set TA-312
- 1 Tlr 1/4T
- 1 Trk 1/4T
- 1 Training set guided missile
- 1 Tng set GM sys

(3) AD TEAMS

Personnel

- 3 E5 Tm Ch
- 3 E4 Gunner

Equipment

- 6 Binocular
- 3 Cable tel (1/4 mi)
- 3 Camouflage screen sys
- 3 Camouflage screen spt sys
- 3 Display set tgt alert data
- 3 Instal kit MK 1234
- 3 Harness GM equip trans
- 6 Interrogator set
- 3 Instal kit MK 1234
- 3 Radio set GRC-160
- 3 Reeling mach RL-39
- 6 Tel set TA-312
- 3 Tlr 1/4T
- 3 Trk 1/4T
- 3 Trainer handling GM lchr

(2) MANEUVER BN FS SECTIONS

Personnel

- 2 E7 FS Sgt
- 4 E4 FS Sp

Equipment

- 2 Accy kit MK 1321
- 2 Antenna AT-984
- 2 Antenna RC-292
- 4 Binocular
- 8 Cable tel (1/4 mi)
- 8 Camouflage screen sys
- 3 Camouflage screen spt sys
- 2 Carrier CP
- 2 Charger battery
- 4 Compass mag
- 2 Instal kit MK 1306
- 2 Instal kit MK 1554
- 2 Instal kit MK 1680
- 2 Elec key gen half duplex
- 2 Instal kit elec equip
- 2 Headset micro
- 2 Lchr gren 40mm
- 4 Pwr sup assy
- 2 Radio set VRC-49
- 2 Radio set VRC-47
- 4 Radio set control gp GRA-39
- 4 Reeling mach RL-39
- 2 Switchboard SB-993
- 4 Speech sec equip KY-38
- 2 Tac digital regen repeater
- 4 Tel set TA-312
- 2 Msg entry device VF
- 2 Tool kit FD arty remote
- 2 Tlr 1/4T
- 2 Trk 1/4T
- 2 Instal kit MK 1644

(3) INFANTRY COMPANY (M) FISTS

Personnel

- 3 Lt FIST Ch
- 3 E6 FS Sgt
- 9 E5 FO
- 3 E4 FS Sp
- 9 E4 RTO

Equipment

- 6 Accy kit MK 1265
- 3 Accy kit MK 1266
- 3 Antenna AT-984
- 3 Antenna RC-292
- 15 Binocular
- 36 Cable tel (1/4 mi)
- 6 Camouflage screen sys
- 6 Camouflage screen spt sys
- 3 Carrier pers
- 15 Compass mag
- 3 Generator 1.5kw
- 3 Instal MK 1626
- 3 Lchr gren 40mm
- 3 MG cal 50 w/tripod
- 12 Msg device digital
- 3 Night vision goggles
- 3 Pwr sup assy
- 6 Radio set GRC-160
- 9 Radio set PRC-77
- 3 Radio set VRC-47
- 6 Radio set control gp GRA-39
- 6 Range finder (laser)
- 18 Reeling mach RL-39
- 3 Speech sec equip KY-38
- 3 Switchboard SB-993
- 15 Tel set TA-312
- 3 Night vision sight

(3) TANK COMPANY FISTS

Personnel

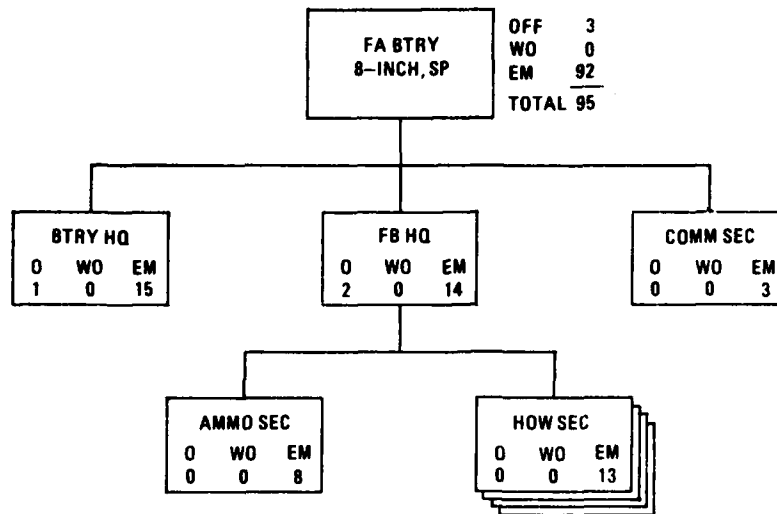
- 3 Lt FIST Ch
- 3 E6 FS Sgt
- 3 E4 FS Sp
- 6 E3 RTO

Equipment

- 6 Accy kit MK 1265
- 3 Accy kit MK 1266
- 3 Antenna AT-984
- 3 Antenna RC-292
- 9 Binocular
- 12 Cable tel (1/4 mi)
- 6 Camouflage screen sys
- 6 Camouflage screen spt sys
- 3 Carrier pers
- 6 Compass mag
- 3 Generator 1.5kw
- 3 Instal kit MK 1626
- 3 MG cal 50 w/tripod
- 3 Night vision goggles

- 6 Msg device digital
- 3 Night vision sight TVS-5
- 3 Pwr sup assy
- 3 Lchr gren 40mm
- 6 Radio set GRC-160
- 3 Radio set PRC-77
- 3 Radio set VRC-47
- 6 Radio set control gp GRA-39
- 3 Range finder laser
- 9 Reeling mach RL-39
- 3 Speech sec equip KY-38
- 6 Tel set TA-312

TOE 6-397H
FIELD ARTILLERY BATTERY, 8-INCH, SELF-PROPELLED,
FIELD ARTILLERY BATTALION, ARMORED/MECHANIZED DIVISION



MISSION: To provide a firing component of the field artillery battalion, 8-inch, self-propelled.

TOE 6-397H

BTRY HQ

Personnel

- 1 O3 BC
- 1 E8 1st Sgt
- 1 E6 Food Svc Sgt
- 1 E6 Motor Sgt
- 1 E6 Supply Sgt
- 1 E5 1st Cook
- 1 E4 Armorer
- 1 E4 Cook
- 1 E4 Equip Maint Clk
- 1 E4 Track Veh Mech
- 2 E3 Track Veh Mech
- 1 E3 Veh Driver
- 1 E3 Cook
- 1 E4 Pwr Gen & W Veh Mech
- 1 E5 NBC Opns NCO

Equipment

- 1 Accy outfit fld range
- 95 Bayonet
- 1 Binocular
- 1 Cabinet tool/sp parts w/18 drwr
- 1 Cabinet tool/sp parts 35 1/2 H
- 1 Cable tel (1/4 mi)
- 24 Camouflage screen sys
- 19 Camouflage screen spt sys
- 2 Charger radiac
- 1 Code changer key KYK-28
- 1 Compass mag
- 1 Compressor
- 4 Heater immersion
- 1 Instal kit MK 1306
- 1 Instal kit MK 1554
- 2 Lchr gren 40mm
- 4 Lchr rkt practice
- 2 MG 7.62mm w/tripod
- 1 MG 50 cal w/mount
- 80 Mask CBR
- 15 Mask prot tk
- 1 Multimeter
- 5 Night vision goggles
- 4 Night vision sight PVS-4
- 1 Pistol cal 45
- 1 Pwr sup assy
- 1 Radiac set
- 2 Radiacmeter IM-93
- 1 Radiacmeter IM-174
- 1 Radio set VRC-47
- 1 Radio set control gp GRA 39
- 2 Range outfit fld
- 1 Reeling mach RL-39
- 94 Rifle 5.56mm
- 1 Speech sec equip KY-38
- 2 Tel set TA-312
- 1 Shop equip auto maint
- 4 Tool kit mech
- 1 Tool kit carpenters
- 1 Tool kit sml arms
- 1 Tlr 1/4T
- 1 Tlr 1 1/2T
- 1 Tlr tk wtr

- 2 Trk 2 1/2T
- 1 Trk 2 1/2T w/winch
- 1 Trk 1/4T
- 6 Watch wrist

COMM SECTION

Personnel

- 1 E6 Tact Comm Ch
- 1 E4 Tact Wire Opns Sp
- 1 E3 Tact Wire Opns Sp

Equipment

- 1 Axle cable RL-27
- 7 Cable tel (1 mi)
- 6 Cable tel 2 cond fld wire
- 1 Detecting set mine
- 1 Detecting set mine PSS-11
- 1 Lchr gren 40mm
- 1 Reeling mach RL-31
- 1 Switchboard SB-22
- 5 Tel set TA-312

FB HQ

Personnel

- 1 Lt XO
- 1 Lt FDO
- 1 E7 Ch of FB
- 1 E7 Gunnery Sgt
- 1 E6 Ch FD Comp
- 1 E5 FD Comp
- 4 E4 Assembler
- 1 E4 Chart Opr
- 1 E4 CP Carrier Driver
- 2 E4 FA Weapons Mech
- 2 E3 FD Sp

Equipment

- 1 Accy kit MK 1320
- 1 Accy kit MK 1326
- 3 Aiming circle
- 2 Alarm CML
- 2 Antenna AT-984
- 4 Antenna RC-292
- 2 Binocular
- 5 Cable tel (1/4 mi)
- 10 Camouflage screen sys
- 6 Camouflage screen spt sys
- 1 Carrier CP
- 1 Code changer key KYK-28
- 2 Compass mag
- 1 Computer gun dir
- 1 Data display arty
- 1 Demo set explosive
- 2 FD set arty
- 1 Generator 1.5kw
- 2 Generator 3kw
- 1 Generator 3kw DC
- 3 Headset microphone
- 1 Instal kit MK 1253
- 1 Instal kit MK 1644
- 1 Instal kit MK 1663
- 2 Lchr gren 40mm
- 1 Elec key gen half duplex
- 1 Instal kit elec equip
- 1 Light set gen illum

- 3 Plotting board indir fire
- 2 Plotting set arty fire control
- 2 Pwr sup assy
- 1 Projectile atomic 8-in tng rd
- 1 Purging kit FC
- 2 Radiacmeter IM-93
- 1 Radiacmeter IM-174
- 1 Radio set VRC-46
- 2 Radio set VRC-47
- 3 Radio set control gp GRA-39
- 2 Reeling mach RL-39
- 1 Switchboard SB-993
- 2 Speech sec equip KY-38
- 1 Tool kit FD arty remote
- 1 Tel conn/switching gp MX-155 GT
- 5 Tel set TA-312
- 2 Tool kit sp wpns
- 2 Tool kit turret mech
- 1 Tool kit arty mech
- 1 Tlr 1 1/2T
- 1 Trk 1/4T
- 1 Trk van shop 2 1/2T

(4) HOWITZER SECTIONS

Personnel

- 4 E6 Sec Ch
- 4 E5 Gunner
- 4 E4 Asst Gunner
- 4 E4 Cargo Carrier Driver
- 4 E4 Motor Carriage Driver
- 32 E3 Cannoneer

Equipment

- 4 Accy kit MK 1295
- 4 Cable tel (1/4 mi)
- 28 Camouflage screen sys
- 28 Camouflage screen spt sys
- 4 Carrier 6T
- 4 Compass mag
- 4 Headset microphone
- 4 Howitzer SP 8-in
- 4 Loudspeaker
- 4 MG cal 50 w/tripod
- 4 MG 7.62mm w/tripod
- 4 Reeling mach RL-39
- 4 Tel set TA-312
- 4 Tlr ammo 1 1/2T

AMMO SECTION

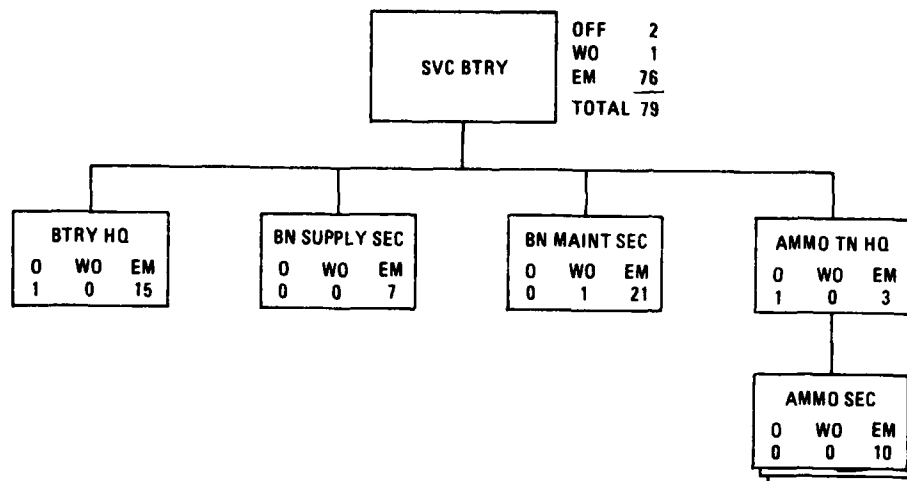
Personnel

- 1 E5 Sec Ch
- 1 E5 Hvy Veh Driver
- 4 E4 Hvy Veh Driver
- 2 E3 Ammo Handler

Equipment

- 2 Cable tel (1/4 mi)
- 9 Camouflage screen sys
- 6 Camouflage screen spt sys
- 3 Lchr gren 40mm
- 3 MG 7.62mm w/tripod
- 3 Tlr ammo 1 1/2T
- 3 Trk 8T
- 1 Tel set TA-312

TOE 6-399H
 SERVICE BATTERY, FIELD ARTILLERY BATTALION,
 8-INCH, SELF-PROPELLED, ARMORED/MECHANIZED DIVISION



MISSION: To procure and distribute supplies of all classes to units of the battalion, to maintain appropriate supply records, and to perform organizational-level maintenance functions not otherwise accomplished within the battalion.

TOE 6-399H

BTRY HQ

Personnel

- 1 O3 BC
- 1 E8 1st Sgt
- 1 E6 Food Svc Sgt
- 1 E6 Supply Sgt
- 1 E6 Motor Sgt
- 1 E5 1st Cook
- 1 E5 NBC Opns NCO
- 1 E4 Armorer
- 1 E4 Cook
- 1 E4 Equip Maint Clk
- 1 E4 Tact Wire Opns Sp
- 1 E3 Lt Veh Driver
- 1 E3 Cook
- 1 E4 Pwr Gen & W Veh Mech
- 2 E3 Pwr Gen & W Veh Mech

Equipment

- 1 Accy outfit fld range
- 1 Alarm CML
- 1 Antenna RC-292
- 16 Bayonet
- 1 Binocular
- 1 Cabinet tool/sp parts w/drwr
- 1 Cabinet tool/sp parts 35½H
- 2 Cable tel (¼ mi)
- 4 Cable tel 2 cond fld wire
- 24 Camouflage screen sys
- 24 Camouflage screen spt sys
- 2 Charger radiac detector
- 1 Code changer key KYK-28
- 4 Coil tel repeating
- 1 Compass mag
- 1 Compressor
- 1 Detecting set mine
- 1 Detecting set mine PSS-11
- 1 Generator 1.5kw
- 4 Heater immersion
- 1 Instal kit MK 1234
- 1 Instal kit MK 1552
- 4 Lchr rkt M190
- 2 Lchr gren 40mm
- 1 MG 7.62mm w/tripod
- 16 Mask CBR
- 5 Night vision goggles
- 2 Night vision sight TVS-5
- 4 Night vision sight PVS-4
- 1 Pistol cal 45
- 1 Pwr sup assy
- 1 Radiac set
- 2 Radiacmeter IM-93
- 1 Radiacmeter IM-174
- 1 Radio set VRC-46
- 1 Radio set control gp GRA-39
- 2 Range outfit
- 8 Reel cable DR-8
- 3 Reeling mach RL-39
- 15 Rifle 5.56mm
- 1 Speech sec equip KY-38
- 1 Switchboard SB-22

6 Tel set TA-312

- 1 Shop equip auto maint
- 3 Tool kit mech
- 1 Tool kit carpenters
- 1 Tool kit sml arms repairman
- 1 Tlr 1½T
- 1 Tlr tk wtr
- 3 Trk 2½T
- 1 Trk ¼T
- 5 Watch wrist

BN MAINTENANCE SECTION

Personnel

- 1 WO Auto Maint Tech
- 1 E8 Motor Sgt
- 2 E5 Sr Rcvy Veh Opr
- 1 E5 Track Veh Mech
- 1 E4 Track Veh Mech
- 1 E4 PLL Clk
- 2 E4 Rcvy Veh Opr
- 1 E4 Welder
- 1 E4 Wrecker Opr
- 1 E3 Track Veh Mech
- 2 E3 Rcvy Veh Opr
- 3 E4 Pwr Gen & w Veh Mech
- 3 E3 Pwr Gen & W Veh Mech
- 2 E5 Pwr Gen & W Veh Mech

Equipment

- 1 Accy kit MK 1259
- 2 Accy kit MK 1296
- 22 Bayonet
- 1 Cabinet tool/sp parts 35½H
- 2 Cabinet tool/sp parts
- 3 shelves
- 16 Camouflage screen sys
- 16 Camouflage screen spt sys
- 1 Compressor
- 2 Generator 1.5kw
- 2 Generator 3kw
- 1 Heater duct type
- 1 Instal kit MK 1234
- 2 Lchr gren 40mm
- 1 Light set gen illum
- 3 MG cal 50
- 2 MG 7.62mm w/tripod
- 6 Mask prot tk
- 16 Mask CBR
- 2 Multimeter
- 6 Pistol cal 45
- 1 Radio set GRC-160
- 2 Radio set VRC-64
- 2 Recovery veh light
- 2 Recovery veh medium
- 16 Rifle 5.56mm
- 6 Submachinegun cal 45
- 1 Tel set TA-312
- 1 Shop equip auto maint
- 12 Tool kit mech
- 1 Tool kit welders
- 1 Tool set veh full tracked
- 2 Tlr 1½T
- 2 Trk 2½T
- 1 Trk ¼T

1 Trk wrecker 10T

BN SUPPLY SECTION

Personnel

- 1 E7 Supply Sgt
- 1 E5 Gen Supplyman
- 2 E4 Hvy Veh Driver
- 1 E4 Gen Supplyman
- 1 E3 Veh Driver
- 1 E3 Gen Supplyman

Equipment

- 7 Bayonet
- 13 Camouflage screen system
- 13 Camouflage screen spt sys
- 2 Lchr gren 40mm
- 1 MG 7.62mm w/tripod
- 7 Mask CBR
- 7 Rifle 5.56mm
- 2 Tk/pump unit liquid disp
- 2 Tank unit liquid disp
- 1 Tel set TA-312
- 2 Tlr 1½T
- 2 Trk 2½T
- 2 Trk 5T

AMMO TRAIN HQ

Personnel

- 1 Lt Ammo Off
- 1 E7 Ammo Supply Sgt
- 1 E4 Ammo Sp
- 1 E4 Ammo Clk

Equipment

- 1 Alarm CML
- 4 Bayonet
- 2 Camouflage screen sys
- 2 Camouflage screen spt sys
- 1 Code changer key KYK-28
- 1 Demo set explosive
- 1 Instal kit MK 1246
- 1 Instal kit MK 1663
- 4 Mask CBR
- 1 Pwr sup assy
- 2 Radiacmeter IM-93
- 1 Radiacmeter IM-174
- 1 Radio set VRC-46
- 4 Rifle 5.56mm
- 1 Speech sec equip KY-38
- 1 Tel set TA-312
- 1 Trk 1¼T
- 1 Tool kit sp wpns

(3) AMMO SECTIONS

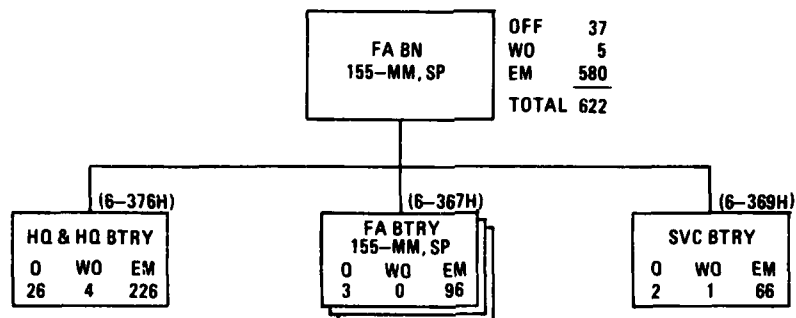
Personnel

- 3 E6 Sec Ch
- 1 E6 Hvy Veh Driver
- 3 E5 Hvy Veh Driver
- 5 E4 Hvy Veh Driver
- 18 E3 Ammo Handler

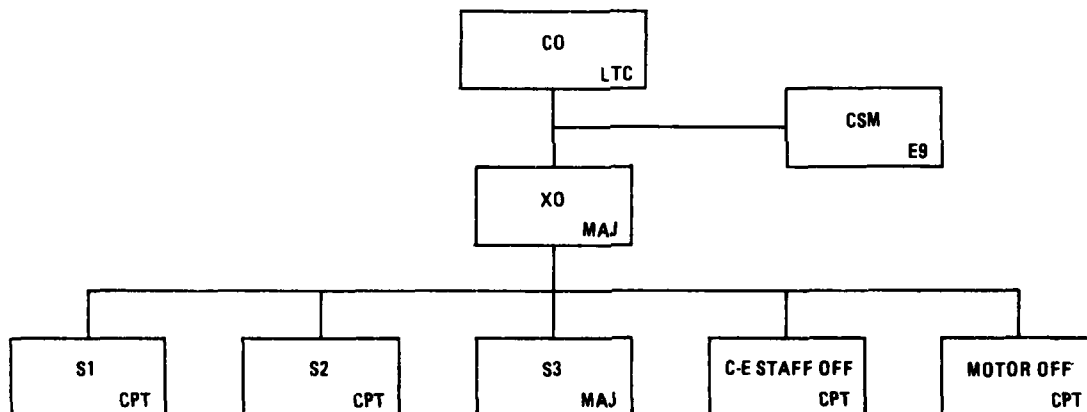
Equipment

30 Bayonet
18 Camouflage screen sys
18 Camouflage screen spt sys
3 Lchr gren 40mm
3 MG 7.62mm w/tripod
30 Mask CBR
30 Rifle 5.56mm
9 Tlr Ammo 1½T
9 Trk 8T

TOE 6-375H
FIELD ARTILLERY BATTALION, 155-MM, SELF-PROPELLED,
SEPARATE ARMORED BRIGADE



STAFF (TOE 6-376H)



TOE 6-375H

MISSION: To provide field artillery fires in direct support of a separate armored or mechanized brigade, or in general support of the supported force and to reinforce the fires of other artillery units.

SUMMARY — MAJOR ITEMS OF EQUIPMENT

TRANSPORTATION

| | | | |
|--|----|---------------------------------------|-----|
| Carrier, personnel | 10 | Coil, tel repeating | 12 |
| Carrier, cargo, tracked, 6-ton | 18 | Electronic teletypewriter, scty equip | |
| Carrier, command post, light, tracked | 10 | TSEC/KW-7 | 3 |
| Recovery vehicle, full tracked, | | Radio set AN/GRC-160 | 31 |
| light, armd | 2 | Radio set AN/PRC-77 | 16 |
| Trailer, cargo, 1/4-ton | 19 | Radio set AN/VRC-46 | 20 |
| Trailer, cargo, 1 1/2-ton | 10 | Radio set AN/VRC-47 | 26 |
| Trailer, ammo, 1 1/2-ton | 36 | Radio set AN/VRC-48 | 1 |
| Trailer, tank, water, 400 gal, 1 1/2-ton | 6 | Radio set AN/VRC-49 | 5 |
| Truck, ambulance, 1 1/4-ton | 1 | Radio set control gp AN/GRA-39 | 52 |
| Truck, cargo, 1 1/4-ton | 22 | Radio teletypewriter set AN/GRC-142 | 3 |
| Truck, cargo, 2 1/2-ton | 17 | Radio set AN/VRC-64 | 2 |
| Truck, cargo, 2 1/2-ton, w/winch | 5 | Reeling machine, cable, motor, RL-172 | 4 |
| Truck, cargo, 5-ton | 1 | Reeling machine, cable, hand, RL-31 | 7 |
| Truck, cargo, 8-ton | 18 | Reeling machine, cable, hand, RL-39 | 98 |
| Truck, tank, fuel, 2,500 gal | 2 | Speech security equip TSEC/KY-38 | 38 |
| Truck, utility, 1/4-ton | 26 | Switchboard, tel, man, SB-22/PT | 8 |
| Truck, wrecker, 10-ton | 1 | Switchboard, SB-993/GT | 10 |
| Trailer, cargo, 3/4-ton | 6 | Telephone set TA-1/PT | 8 |
| | | Telephone set TA-312/PT | 139 |

MATERIEL

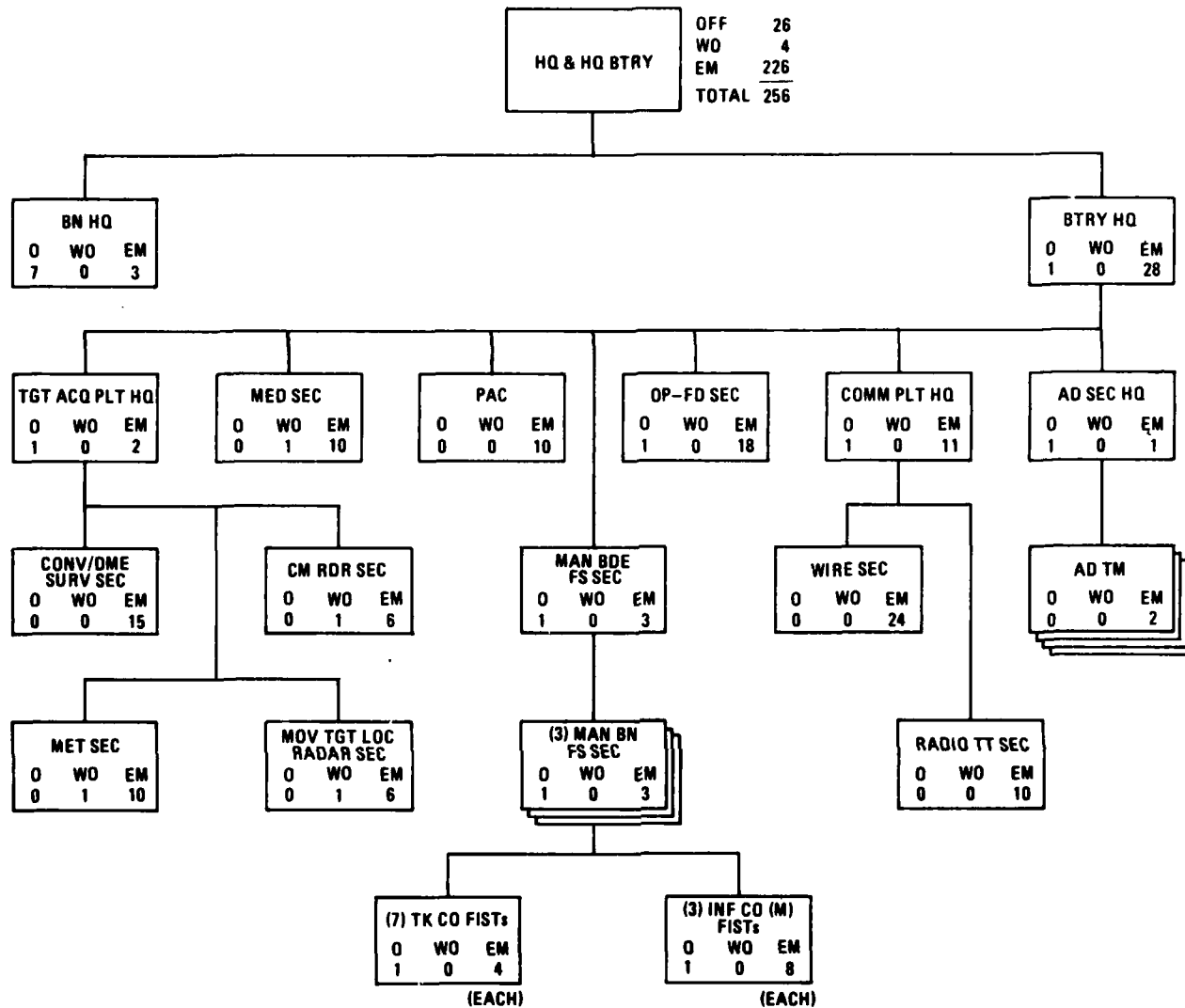
| | | | |
|---------------------------|-----|--|----|
| Howtizer, med, SP, 155-mm | 18 | GUNNERY | |
| Launcher, grenade, 40-mm | 57 | Aiming circle | 13 |
| Machine, 7.62-mm | 32 | Computer, gun direction | 4 |
| Machinegun, 50 cal | 52 | Fire direction set, arty, 25,000 meter | 11 |
| Pistol, cal 45 | 22 | Plotting board, indir fire, arty/inf | 12 |
| Rifle, 5.56-mm | 608 | Plotting set, arty, fire control | 10 |
| Submachinegun, cal 45 | 4 | Range finder, fire onrol (Laser) | 13 |

COMMUNICATION

| | | | |
|-------------------------------------|-----|---|---|
| Antenna, AT-984/G | 21 | Radar set TPQ-36 | 1 |
| Antenna, RC-292 | 38 | Radar set AN/TPS-25 | 1 |
| Axle, cable, reel, RL-27 | 7 | Survey inst, DME | 1 |
| Cable, tel, WD-1/TT, DR-8, 1/4-mi | 160 | Survey instr, az gyro | 2 |
| Cable, tel, WD-1/TT, RL-159/U, 1 mi | 56 | Survey set, arty, fire control, 4th order | 2 |
| Cable, tel, WD-1/TT, 2 conductor | 28 | Theodolite survey, direct, 0.1 mil | 4 |
| Code changer key KYK-28 | 10 | | |

TOE 6-376H

HEADQUARTERS AND HEADQUARTERS BATTERY, FIELD ARTILLERY BATTALION,
155-MM, SELF-PROPELLED, SEPARATE ARMORED/MECHANIZED BRIGADE



MISSION: To direct and coordinate operations of the battalion and to provide facilities with which the battalion commander can control the battalion.

TOE 6-376H000

BN HQ

Personnel

- 1 05 Bn Cmdr
- 1 04 XO
- 1 04 S3
- 1 03 CE Stf Off
- 1 03 Motor Off
- 1 03 S1
- 1 03 S2
- 1 E9 CSM
- 2 E3 Veh Driver

Equipment

- 2 Binocular
- 2 Camouflage screen sys
- 2 Camouflage screen spt sys
- 2 Compass mag
- 2 Instal kit MK 1234
- 1 Instal kit MK 1306
- 2 Instal kit MK 1552
- 1 Instal kit MK 1554
- 1 Night vision goggles
- 3 Pwr sup assy
- 2 Radio set VRC-46
- 1 Radio set VRC-47
- 3 Speech sec equip KY-38
- 2 Tlr 1/4T
- 2 Trk 1/4T

BTRY HQ

Personnel

- 1 03 BC
- 1 E8 1st Sgt
- 1 E7 Food Svc Sgt
- 1 E6 Supply Sgt
- 1 E6 1st Cook
- 1 E5 Cook
- 1 E4 Armorer
- 2 E4 Cook
- 1 E4 Equip Maint Clk
- 1 E4 PLL Clk
- 1 E4 Track Veh Mech
- 1 E3 Veh Driver
- 2 E3 Track Veh Mech
- 2 E3 Cook
- 1 E3 Gen Supply Sp
- 1 E6 Motor Sgt
- 2 E5 Pwr Gen & W Veh Mech
- 1 E3 Pwr Gen & W Veh Mech
- 3 E4 Pwr Gen & W Veh Mech
- 1 E5 Track Veh Mech
- 1 E4 Gen Sup Sp

Equipment

- 1 Accy outfit fld range
- 1 Alarm CML
- 246 Bayonet
- 1 Binocular
- 1 Cabinet tool/sp parts 35 1/2 H
- 24 Camouflage screen sys
- 24 Camouflage screen spt sys

- 2 Charger Radiac
- 1 Compass mag
- 1 Compressor
- 13 Heater immersion
- 1 Instal kit MK 1234
- 2 Lchr gren 40mm
- 2 MG 7.62mm w/tripod
- 51 Mask prot tk
- 1 Multimeter
- 1 MG cal 50
- 6 Night vision goggles
- 5 Night vision sight PVS-4
- 14 Pistol cal 45
- 2 Radiacmeter IM-93
- 1 Radiacmeter Im-174
- 1 Radio set GRC-160
- 4 Range outfit fld
- 243 Rifle 5.56mm
- 1 Shop equip auto maint
- 5 Tel set TA-312
- 12 Tool kit mech
- 1 Tool kit carpenters
- 1 Tool kit sml arms
- 1 Tlr 1/4T
- 1 Tlr 1 1/2T
- 1 Tlr tk wtr
- 2 Trk 2 1/2T
- 1 Trk 2 1/2T w/winch
- 1 Trk 1/4T
- 17 Watch wrist
- 1 Cabinet tool/sp parts w/18 drwrs
- 4 Lchr rkt M190
- 206 Mask CBR

PAC

Personnel

- 1 E7 PAC Supervisor
- 1 E6 Pers Stf NCO
- 1 E6 Career Counselor
- 1 E5 PAC Clk
- 1 E5 Legal Clk
- 1 E4 Clk Typist
- 1 E4 PAC Clk
- 1 E3 Veh Driver
- 2 E3 PAC Clk

Equipment

- 4 Camouflage screen sys
- 4 Camouflage screen spt sys
- 1 Duplicating mach spirit process
- 3 Tel set TA-312
- 1 Trk 1/4T

OPS-FD SECTION

Personnel

- 1 03 FDO
- 1 E8 Ops Sgt
- 1 E7 Ch FD Comp
- 1 E6 Asst Ch Fd Comm
- 1 E6 NBC Opns/Stf NCO
- 4 E5 FD Comp
- 2 E4 Chart Opr

- 1 E4 Clk Typist
- 3 E4 CP Carrier Driver
- 2 E4 Ops Spec
- 1 E4 Tact Wire Opns Sp
- 1 E3 Veh Driver

Equipment

- 6 Accy kit
- 2 Alarm CML
- 1 Antenna AT-984
- 6 Antenna RC-292
- 18 Bayonet
- 2 Binocular
- 8 Cable tel (1/4 mi)
- 16 Camouflage screen sys
- 16 Camouflage screen spt sys
- 3 Carrier CP
- 1 Code changer key KYK-28
- 1 Computer gun dir
- 2 Compass mag
- 1 Duplicating mach stencil
- 4 FD set arty
- 2 Generator 3kw
- 4 Headset microphone
- 1 Instal kit MK 1306
- 1 Instal kit MK 1554
- 1 Lchr gren 40mm
- 1 Locking device atomic wpn tng
- 8 Mask prot tk
- 10 Mask CBR
- 3 Plotting bd
- 2 Plotting set arty
- 4 Pwr sup assy veh
- 1 Projectile Atomic 155mm tng
- 6 Radio set VRC-46
- 1 Radio set VRC-47
- 6 Radio set control gp GRA-39
- 6 Reeling mach cable RL-39
- 4 Speech sec equip KY-38
- 1 Switchboard SB-22
- 1 Instal kit MK 1644
- 6 Tel set TA-312
- 1 Tlr 1/4T
- 1 Trk 1 1/4T
- 1 Trk 1/4T

TGT ACQ PLAT HQ

Personnel

- 1 Lt Plat Cmdr
- 1 E8 Intel Sgt
- 1 E3 Veh Driver

Equipment

- 1 Binocular
- 1 Camouflage screen sys
- 1 Camouflage screen spt sys
- 1 Compass mag
- 1 Instal kit MK 1306
- 2 Radiacmeter IM-93
- 1 Radio st VRC-47
- 1 Tlr 1/4T
- 1 Trk 1/4T

CONV/DME SURVEY SECTION

Personnel

- 1 E7 Ch Surveyor
- 2 E6 Ch Survey Party
- 2 E5 Survey Comp
- 4 E4 Instr Opr
- 4 E4 Survey Comp/Recorder
- 1 E3 Veh Driver
- 1 E3 Rodman/Tapeman

Equipment

- 2 Aiming circle
- 4 Binocular
- 6 Camouflage screen sys
- 6 Camouflage screen spt sys
- 1 Charger btry
- 4 Compass mag
- 4 Instal kit MK 1234
- 2 Instal kit MK 1246
- 2 Lchr gren 40mm
- 1 MG 7.62mm w/tripod
- 1 Night vision sight TVS-4
- 2 Periscope BC
- 4 Radio set PRC-77
- 5 Radio set GRC-160
- 1 Radio set VRC-46
- 12 Rifle 5.56mm
- 2 Surveying instr az gyro
- 4 Surveying instr DME
- 2 Surveying set arty 4th order
- 4 Theodolite survey
- 2 Trk 1 1/4T
- 4 Trk 1/4T

COUNTERMORTAR RADAR SECTION

Personnel

- 1 WO FA Radar Tech
- 1 E6 Sec Ch
- 1 E5 FA Radar Opr
- 3 E4 Radar Opr
- 1 E4 Radar Mech

Equipment

- 1 Aiming circle
- 1 Antenna RC-292
- 8 Bayonet
- 4 Cable tel (1/4 mi)
- 5 Camouflage screen sys (radar scat)
- 2 Camouflage screen sys (radar trans)
- 6 Camouflage screen spt sys
- 1 Compass mag
- 1 FD set arty
- 1 Generator 1.5kw
- 1 Instal kit MK 1234
- 3 Instal kit MK 1246
- 1 Instal kit MK 1552
- 1 Inverter vibrator
- 1 Light tgt surveying
- 1 Plotting set arty FC

- 1 Pwr sup assy
- 1 Lchr gren 40mm
- 1 MG 7.62mm w/tripod
- 2 Multimeter
- 1 Radar set TPQ-36
- 4 Radio set VRC-46
- 1 Radio set control gp GRA-39
- 2 Reeling mach RL-39
- 3 Tel set TA-312
- 1 Test set elec tube
- 1 Tool kit elec equip
- 1 Tlr 3/4T
- 3 Trk 1 1/4T
- 1 Trk 1/4T
- 2 Trk 2 1/2T
- 1 Speech sec equip KY-38

MOV TGT RADAR SECTION

Personnel

- 1 WO FA Radar Tech
- 1 E6 Sec Ch
- 1 E5 FA Radar Opr
- 1 E4 Wpns Spt Radar Repairer
- 2 E4 FA Radar Opr
- 1 E4 Pwr Gen/W Veh Mech

Equipment

- 1 Aiming circle
- 1 Antenna RC-292
- 2 Cable tel (1/2 mi)
- 6 Camouflage screen sys (radar scat)
- 1 Camouflage screen sys (radar trans)
- 7 Camouflage screen spt sys
- 1 Generator 1.5kw
- 2 Generator 3kw
- 1 Instal kit VRC-46/GRC-160
- 1 Inverter vibrator
- 1 Plotting set arty FC
- 2 Multimeter
- 1 Radar set TPS-25
- 1 Radio set VRC-46
- 1 Radio set control gp GRA-39
- 2 Reeling mach RL-39
- 3 Tel set TA-312
- 1 Test set elec tube
- 1 Tool kit mech
- 1 Tool kit elec equip
- 1 Tlr 3/4T
- 1 Trk 1/4T
- 3 Trk 1 1/4T
- 1 Tlr 1 1/2T
- 1 Trk 2 1/2T

MET SECTION

Personnel

- 1 WO Bal Met Tech
- 1 E7 Met Sec Ch
- 1 E6 FA Met Crewman
- 2 E5 FA Met Crewman
- 3 E4 FA Met Crewman

3 E3 FA Met Crewman

Equipment

- 1 Antenna RC-292
- 1 Barometer
- 1 Binocular
- 1 Cable tel (1/4 mi)
- 1 Calibrator freq
- 11 Camouflage screen sys
- 11 Camouflage screen spt sys
- 1 Compass mag
- 1 Generator 5kw
- 1 Instal kit
- 1 MG 7.62mm w/tripod
- 1 Met sta manual
- 1 Multimeter
- 1 Radio set VRC-46
- 1 Radio set control gp GRA-39
- 1 Radiosonde
- 1 Rawin set
- 1 Recording set weather data
- 1 Reeling mach RL-39
- 1 Tel set TA-312
- 1 Test set elec tube
- 1 Tool kit elec equip
- 1 Tlr 1 1/2T
- 1 Tlr tk wtr
- 1 Trk 1 1/4T
- 2 Trk 2 1/2T

COMM PLAT HQ

Personnel

- 1 Lt Plat Ldr
- 1 E8 Tact Comm Ch
- 1 E3 Veh Driver
- 2 E5 Tact Comm Sys Op/Mech
- 2 E3 Tact Comm Sys Op/Mech
- 1 E4 Tact Wire Opns Sp
- 1 E3 Tact Wire Opns Sp
- 1 E4 Sp Elec Dev Rpr
- 2 E4 Tac Comm Sys Op/Mech

Equipment

- 2 Antenna RC-292
- 1 Binocular
- 1 Cable tel (1/4 mi)
- 6 Camouflage screen sys
- 6 Camouflage screen spt sys
- 1 Code changer key KYK-28
- 1 Compass mag
- 1 Detecting set mine
- 1 Detecting set mine PSS-11
- 1 Generator 1.5kw
- 1 Instal kit MK 1224
- 1 Instal kit MK 1552
- 1 Instal kit MK 1646
- 1 Inverter vibrator
- 1 Lchr gren 40mm
- 1 MG 7.62mm w/tripod
- 1 Multimeter
- 1 Pwr sup assy veh
- 2 Radiacmeter IM-93
- 1 Radiacmeter Im-174
- 1 Radio set VRC-49

- 1 Radio set control gp GRA-39
- 1 Reeling mach RL-39
- 1 Reproducer sig data
- 1 Speech sec equip KY-38
- 1 Tac digital regen repeater
- 2 Tel set TA-312
- 1 Test btry
- 1 Test set comp logic
- 1 Test set elec tube
- 1 Test set radio
- 1 Test set radio freq
- 6 Tool kit elec equip
- 1 Tool kit prec instr
- 1 Tlr 1/4T
- 1 Trk 1 1/4T
- 1 Trk 1/4T

WIRE SECTION

Personnel

- 1 E6 Tact Comm Ch
- 4 E5 Tact Wire Opns Tm Ch
- 5 E4 Tac Wire Ops Spec
- 14 E3 Tac Wire Ops Spec

Equipment

- 4 Axle cable reel RL-27
- 2 Cable assy tel CX 4566
- 4 Cable assy tel CX 4760
- 35 Cable tel (1 mi)
- 10 Cable tel 2 cond fld wire
- 9 Camouflage screen sys
- 9 Camouflage screen spt sys
- 8 Coil repeating
- 4 Lchr gren 40mm
- 4 MG 7.62mm w/tripod
- 4 Reeling mach RL-31
- 4 Reeling mach RL-172
- 4 Splicing kit tel
- 3 Switchboard SB-22
- 8 Tel set TA-312
- 4 Tr 1 1/4T
- 1 Trk 1/4T

RATT SECTION

Personnel

- 1 E6 RATT Opns Supv
- 3 E5 RATT Opns Tm Ch
- 3 E4 RATT Opr
- 3 E3 RATT Opr

Equipment

- 3 Cable tel (1/4 mi)
- 9 Camouflage screen sys
- 9 Camouflage screen spt sys
- 3 Elec TT sec equip KW-7
- 3 Generator 5kw
- 3 Headset microphone
- 3 RATT set GRC-142
- 3 Reeling mach RL-39
- 3 Tel set TA-312
- 3 Trk 1 1/4T

(3) MVR BN FS SECTIONS

Personnel

- 3 O3 FSO
- 3 E7 FS Sgt
- 6 E4 FS Spec

Equipment

- 12 Cable tel (1/4 mi)
- 3 Accy kit MK 1321
- 3 Antenna AT-984
- 3 Antenna RC-292
- 6 Binocular
- 12 Camouflage screen sys
- 12 Camouflage screen spt sys
- 3 Carrier CP
- 3 Charger btry
- 6 Compass mag
- 3 Instal kit MK 1306
- 3 Instal kit MK 1554
- 3 Instal kit MK 1644
- 3 Lchr gren 40mm
- 6 Pwr sup assy
- 3 Radio set VRC-47
- 3 Radio set VRC-49
- 6 Radio set control gp GRA-39
- 6 Reeling mach RL-39
- 6 Speech sec equip KY-38
- 3 Switchboard SB-993
- 3 Tac digital regen repeater
- 6 Tel set TA-312
- 3 Tlr 1/4T
- 3 Trk 1/4T

MVR BDE FS SECTION

personnel

- 1 O4 FSO
- 1 E7 FS Sgt
- 2 E4 FS Spec

Equipment

- 1 Accy kit MK 1321
- 1 Antenna AT-984
- 1 Antenna RC-292
- 2 Binocular
- 4 Cable tel (1/4 mi)
- 4 Camouflage screen sys
- 4 Camouflage screen spt sys
- 1 Carrier CP
- 2 Compass mag
- 1 Instal kit MK 1306
- 1 Instal kit MK 1554
- 1 Instal kit MK 1644
- 1 Lchr gren 40mm
- 2 Pwr sup assy
- 1 Radio set VRC-47
- 1 Radio set VRC-49
- 2 Radio set control gp GRA-39
- 2 Reeling mach RL-39
- 2 Speech sec equip KY-38
- 1 Switchboard SB-993
- 1 Tac digital regen repeater
- 2 Tel set TA-312
- 1 Tlr 1/4T
- 1 Trk 1/4T

MEDICAL SECTION

Personnel

- 1 WO Physician's Asst
- 1 E6 Sec Sgt
- 1 E6 Prac Nurse
- 1 E5 Medical Aide
- 4 E4 Battery Aidman
- 1 E4 Medical Aide
- 1 E4 Amb Driver
- 1 E3 Ambulance Attendant

Equipment

- 1 Blanket set bed
- 9 Camouflage screen sys
- 9 Camouflage screen spt sys
- 1 Light set gen illum
- 1 Gen set 1.5kw
- 10 Mask CBR head wound
- 11 Mask CBR
- 1 Medical equip set Bn Aid Sta
- 1 Night vision goggles
- 1 Radiac set
- 1 Splint set
- 8 Surgical instr/sup set
- 1 Tel set TA-312
- 1 Trk amb 1 1/4T
- 1 Tlr 3/4T
- 1 Trk 1 1/4T
- 2 Watch wrist

AD SECTION HQ

Personnel

- 1 Lt Sec Ldr
- 1 E6 Sec Sgt

Equipment

- 1 Cable tel (1/4 mi)
- 1 Camouflage screen sys
- 1 Camouflage screen spt sys
- 2 Code changer key KIK-18
- 1 Display set tgt alert data
- 1 Gen set 1.5kw
- 2 Interrogator set
- 1 Interrogator comp
- 1 Programmer interrogator
- 1 Instal kit MK 1225
- 1 Radio set VRC-48
- 1 Radio set control gp GRA-39
- 1 Reeling mach RL-39
- 2 Rifle 5.56mm
- 1 Tel set TA-312
- 1 Tlr 1/4T
- 1 Trk 1/4T
- 1 Training set GM

(4) AD TEAMS

Personnel

- 4 E5 Tm Ch
- 4 E4 Gunner

Equipment

- 8 Binocular
- 4 Cable tel DR-8 (1/4 mi)

- 4 Camouflage screen sys
- 4 Camouflage screen spt sys
- 4 Display set tgt alert data
- 4 Harness GM
- 8 Interrogator set
- 4 Instal kit MK 1234
- 4 Radio set GRC-160
- 4 Trainer handling GM lchr
- 8 Tel set TA-1
- 4 Tlr 1/4T
- 4 Trk 1/4T

(7) TANK COMPANY FISTS

Personnel

- 7 Lt FIST Ch
- 7 E6 FS Sgt
- 7 E4 FS Sp
- 14 E3 RTO

Equipment

- 14 Accy kit MK 1265
- 7 Accy kit MK 1266
- 7 Antenna AT-984
- 7 Antenna RC-292
- 21 Binocular
- 28 Cable tel DR-8 (1/4 mi)
- 14 Camouflage screen sys
- 14 Camouflage screen spt sys
- 14 Compass mag
- 7 Generator 1.5kw
- 7 Instal kit MK 1626
- 7 Lchr gren 40mm
- 7 MG 50 cal w/mount
- 7 Night vision goggles PVS-5
- 7 Night vision sight TVS-5
- 7 Pwr sup assy veh
- 14 Radio set GRC-160
- 7 Radio set PRC-77
- 7 Radio set VRC-47
- 14 Radio set control gp GRA-39
- 7 Ranger finder laser
- 21 Reeling mach RL-39
- 7 Speech sec equip KY-38
- 14 Tel set TA-312
- 7 Carrier pers

(3) INFANTRY COMPANY (M) FIST

Personnel

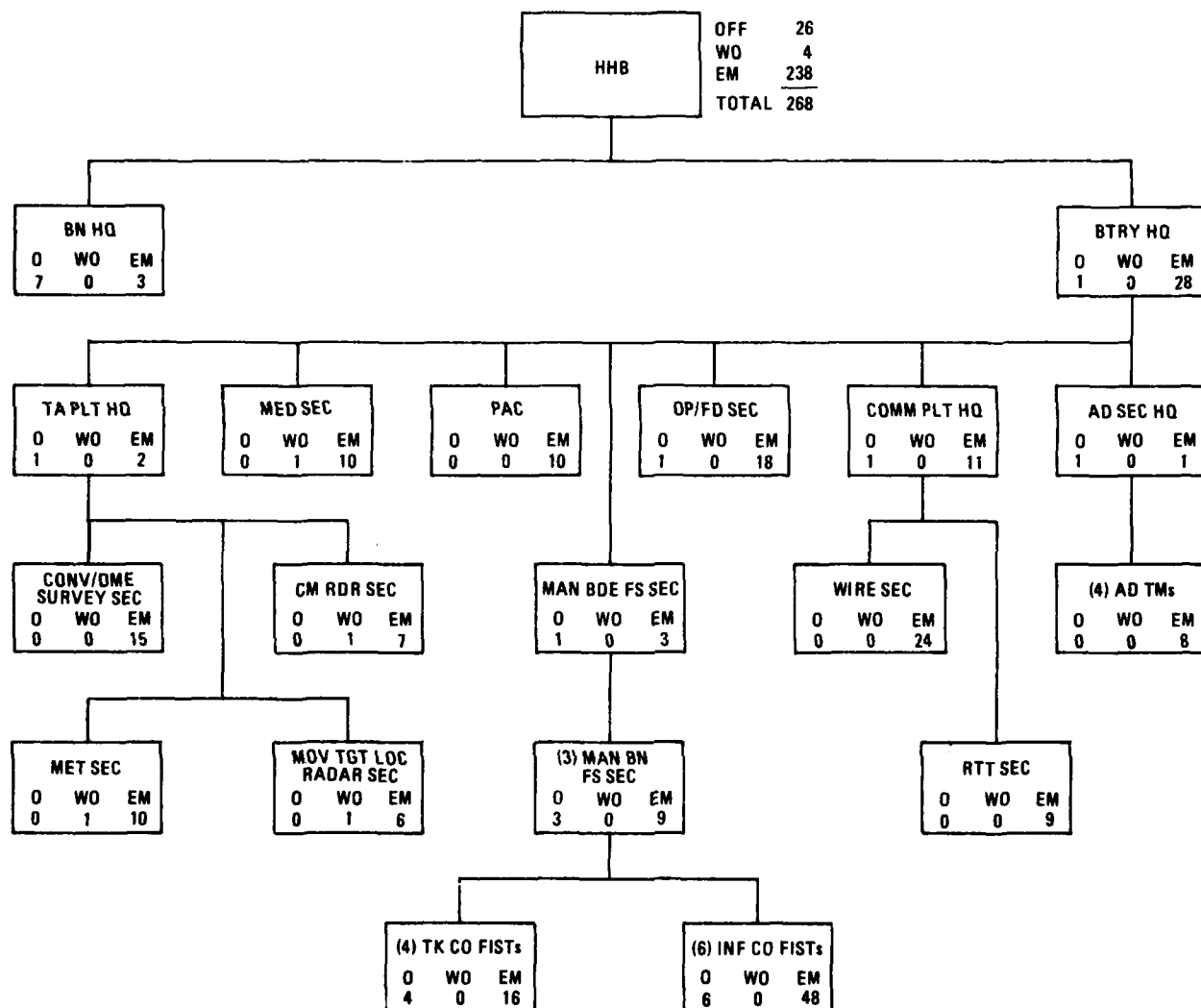
- 3 Lt FIST Ch
- 3 E6 FS Sgt
- 9 E5 FO
- 3 E4 FS Spec
- 9 E3 RTO

Equipment

- 6 Accy kit MK 1265
- 3 Accy kit MK 1266
- 3 Antenna AT-984
- 3 Antenna RC-292
- 15 Binocular
- 36 Cable tel DR-8 (1/4 mi)

- 6 Camouflage screen sys
- 6 Camouflage screen spt sys
- 15 Compass mag
- 3 Generator 1.5kw
- 3 Instal kit MK 1626
- 3 Lchr gren 40mm
- 3 Night vision goggles
- 3 Night vision sight TVS-5
- 3 Pwr sup assy veh
- 6 Radio set GRC-160
- 9 Radio set PRC-77
- 3 Radio set VRC-47
- 6 Radio set control gp GRA-39
- 6 Range finder laser
- 18 Reeling mach RL-39
- 3 Speech sec equip
- 3 Switchboard SB-993
- 15 Tel set TA-312
- 3 Carrier pers
- 3 MG cal 50 w/mount

TOE 6-376H020
HEADQUARTERS AND HEADQUARTERS BATTERY, FA BN 155-MM SP,
SEPARATE INF BDE (MECH)



TOE 6-376H020

BN HQ

Personnel

- 1 05 Bn Cmdr
- 1 04 XO
- 1 04 S3
- 1 03 CE Stf Off
- 1 03 Motor Off
- 1 03 S1
- 1 03 S2
- 1 E9 CSM
- 2 E8 Veh Driver

Equipment

- 2 Binocular
- 2 Camouflage screen sys
- 2 Camouflage screen spt sys
- 2 Compass mag
- 2 Instal kit MK 1234
- 1 Instal kit MK 1306
- 2 Instal kit MK 1552
- 1 Instal kit MK 1554
- 1 Night vision goggles
- 3 Pwr sup assy
- 2 Radio set VRC-46
- 1 Radio set VRC-47
- 3 Speech sec equip KY-38
- 2 Tlr ¼T
- 2 Trk ¼t

BTRY HQ

Personnel

- 1 03 BC
- 1 E8 1st Sgt
- 1 E7 Food Svc Sgt
- 1 E6 1st Cook
- 1 E7 Motor Sgt
- 1 E6 Supply Sgt
- 1 E5 Cook
- 1 E4 Armorer
- 2 E4 Cook
- 1 E4 PII Clk
- 3 E3 Pwr Gen & W Veh Mech
- 1 E4 Gen Supply Sp
- 1 E4 Equip Maint Clk
- 2 E3 Cook
- 1 E3 Gen Supply Sp
- 1 E3 Veh Driver
- 2 E3 Track Veh Mech
- 2 E5 Pwr Gen & W Veh Mech
- 3 E4 Pwr Gen & W Veh Mech
- 1 E4 Track Veh Mech
- 1 E5 Track Veh Mech

Equipment

- 1 Accy outfit fld range
- 1 Alarm CML
- 259 Bayonet
- 1 Binocular
- 1 Cabinet tool/sp parts w/18 drwr
- 1 Cabinet tool/sp parts 35½H
- 24 Camouflage screen sys

- 24 Camouflage screen spt sys
- 2 Charger radiac detector
- 1 Compass mag
- 1 Compressor
- 13 Heater immersion
- 1 Instal kit MK 1234
- 4 Lchr rkt M190
- 2 Lchr gren 40mm
- 2 MG 7.62mm w/tripod
- 51 Mask prot tk
- 214 Mask CBR
- 1 Multimeter
- 6 Night vision goggles
- 5 Night vision sight PVS-4
- 21 Pistol cal 45
- 2 Radiacmeter IM-93
- 1 Radiacmeter IM-174
- 1 Radio set GRC-160
- 4 Range outfit fld
- 243 Rifle 5.56mm
- 5 Tel set TA-312
- 1 Shop equip auto maint
- 9 Tool kit mech
- 1 Tool kit carpenter
- 1 Tool kit sml arms
- 1 Tlr ¼T
- 1 Tlr 1½T
- 1 Tlr tk wtr
- 2 Trk 2½T
- 1 Trk 2½T w/winch
- 1 Trk ¼T
- 17 Watch wrist

PAC

Personnel

- 1 E7 PAC Supervisor
- 1 E7 Pers Stf NCO
- 1 E6 Reenlist NCO
- 1 E5 Legal Clk
- 1 E5 PAC Clk
- 1 E4 Clk Typist
- 1 E4 PAC Clk
- 1 E3 Veh Driver
- 2 E3 PAC Clk

Equipment

- 4 Camouflage screen sys
- 4 Camouflage screen spt sys
- 1 Duplicating mach stencil
- 3 Tel set TA-312
- 1 Trk 1¼T

OPS-FD-SECTION

Personnel

- 1 03 FDO
- 1 E8 Ops Sgt
- 1 E7 Ch FD Comp
- 1 E6 Asst Ch FD Comp
- 1 E6 NBC Opns/Stf NCO
- 4 E5 FD Comp
- 2 E4 Chart Opr
- 1 E4 Clk Typist
- 3 E4 CP Carrier Driver

- 1 E4 Ops Spec
- 1 E4 Tact Comm Sys Op/Mech
- 1 E3 Veh Driver

Equipment

- 6 Accy kit MK 1326
- 2 Alarm CML
- 1 Antenna At-984
- 6 Antenna RC-292
- 2 Binocular
- 8 Cable tel DR-8 (¼ mi)
- 16 Camouflage screen sys
- 16 Camouflage screen spt sys
- 3 Carrier CP
- 1 Code changer key KYK-28
- 2 Compass mag
- 1 Computer gun dir
- 1 Duplicating mach stencil
- 4 FD set arty
- 2 Generator 3kw
- 4 Headset microphone
- 1 Instal kit MK 1306
- 1 Instal kit MK 1554
- 1 Instal kit MK 1664
- 1 Lchr gren 40mm
- 1 Locking device atomic wpr
- 3 Plotting bd
- 2 Plotting set arty fire control
- 1 Projectile atomic tng
- 4 Pwr sup assy
- 6 Radio set VRC-46
- 1 Radio set VRC-47
- 6 Radio set control gp GRA-39
- 6 Reeling mach RL-39
- 3 Speech sec equip KY-38
- 1 Switchboard SB-22
- 6 Tel set TA-312
- 1 Tlr ¼T
- 1 Trk 1¼T
- 1 Trk ¼T

TGT ACQ PLAT HQ

Personnel

- 1 Lt Plat Cmdr
- 1 E8 Intel Sgt
- 1 E3 Veh Driver

Equipment

- 1 Binocular
- 1 Camouflage screen sys
- 1 Camouflage screen spt sys
- 1 Compass mag
- 1 Instal kit MK 1306
- 2 Radiacmeter IM-93
- 1 Radio set VRC-47
- 1 Tlr ¼T
- 1 Trk ¼T

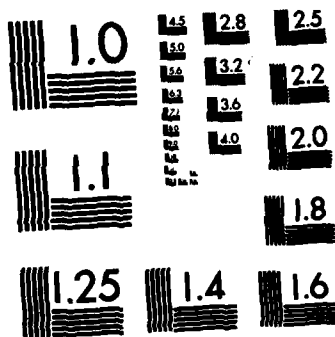
CONV/DME SURVEY SECTION

Personnel

- 1 E7 Ch Surveyor
- 2 E6 Ch Survey Party
- 4 E4 Survey Comp/Recorder

2/4

F/G 19/1 NL



MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

- 2 E5 Survey Comp
- 4 E4 Instr Opr
- 1 E3 Lt Veh Driver
- 1 E3 Rodman/Tapeman

Equipment

- 2 Aiming circle
- 4 Binocu jr
- 6 Camouflage screen sys
- 6 Camouflage screen spt sys
- 1 Charger btry
- 4 Compass mag
- 4 Instal kit MK 1234
- 2 Instal kit MK 1246
- 1 MG 7.62mm w/tripod
- 1 Night vision sight TVS-4
- 2 Periscope BC
- 5 Radio set GRC-160
- 2 Surveying instr az gyro
- 1 Surveying instr DME
- 2 Surveying set 4th order
- 4 Theodolite survey
- 2 Trk 1 1/4T
- 4 Trk 1/4T
- 1 Radio set VRC-46
- 3 Surveying instr DME micro

COUNTERMORTAR RADAR SECTION

Personnel

- 1 WO FA Radar Tech
- 1 E6 Sec Ch
- 1 E5 Radar Opr
- 1 E4 Radar Mech
- 3 E4 FA Radar Opr
- 1 E3 FA Radar

Equipment

- 1 Aiming circle
- 1 Antenna RC-292
- 4 Cable tel (1/4 mi)
- 5 Camouflage screen sys
- 2 Camouflage screen sys (radar trans)
- 7 Camouflage screen spt sys
- 1 Compass mag
- 1 FD set arty
- 1 Generator 1.5kw
- 1 Instal kit MK 1234
- 1 Instal kit MK 1246
- 1 Instal kit MK 1552
- 1 Inverter vibrator
- 1 Lchr gren 40mm
- 1 MG 7.62mm w/tripod
- 2 Multimeter
- 1 Radar set TPQ-36
- 4 Radio set VRC-46
- 1 Radio set control gp GRA-39
- 2 Reeling mach RL-39
- 1 Lt tgt surveying
- 1 Pwr sup assy
- 1 Plotting set arty
- 1 Speech sec equip KY-38
- 3 Tel set TA-312

- 1 Test set elec tube
- 1 Tlr 3/4T
- 3 Trk 1 1/4T
- 1 Trk 1/4T
- 2 Trk 2 1/2T
- 1 Tool kit elec equip
- 1 Tool kit mech

MOVING TGT LOC RADAR SECTION

Personnel

- 1 WO FA Radar Tech
- 1 E6 Sec Ch
- 1 E5 FA Radar Opr
- 1 E5 Wpns Spt Radar Rpr
- 2 E4 FA Radar Opr
- 1 E4 Pwr Gen & W Veh Mech

Equipment

- 1 Aiming circle
- 1 Antenna RC-292
- 2 Cable tel (1/4 mi)
- 6 Camouflage screen sys
- 1 Camouflage screen sys (radar trans)
- 7 Camouflage screen spt sys
- 1 Generator 1.5kw
- 3 Generator 3kw
- 1 Instal kit
- 1 Inverter vibrator
- 2 Multimeter
- 1 Plotting set arty
- 1 Radar set TPS-25
- 1 Radio set VRC-46
- 1 Radio set cont gp GRA-39
- 2 Reeling mach RL-39
- 3 Tel set TA-312
- 1 Test set elec tube
- 1 Tool kit mech
- 1 Tlr 3/4T
- 1 Trk 1 1/4T
- 1 Tool kit elec equip
- 1 Tlr 1 1/2T
- 1 Trk 2 1/2T

MET SECTIONS

Personnel

- 1 WO Met Tech
- 1 E7 Met Sec Ch
- 1 E6 FA Met Crewman
- 2 E5 FA Met Crewman
- 3 E4 FA Met Crewman
- 3 E3 FA Met Crewman

Equipment

- 1 Antenna RC-292
- 1 Barometer
- 1 Binocular
- 2 Cable tel (1/4 mi)
- 1 Calibrator freq
- 11 Camouflage screen sys
- 11 Camouflage screen spt sys
- 1 Compass mag

- 1 Generator 5kw
- 1 Instal kit
- 1 MG 7.62mm w/tripod
- 1 Met sta manual
- 1 Multimeter
- 1 Radio set VRC-46
- 1 Radio set control gp GRA-39
- 1 Radiosonde
- 1 Rawin set
- 1 Recording set weather
- 1 Reeling mach RL-39
- 1 Tel set TA-312
- 1 Test set elec tube
- 1 Tool kit elec equip
- 1 Tlr 1 1/2T
- 1 Tlr tk wtr
- 1 Trk 1 1/4T
- 2 Trk 2 1/2T

COMM PLAT HQ

Personnel

- 1 Lt Plat Ldr
- 1 E8 Tact Comm Ch
- 1 E3 Veh Driver
- 2 E5 Tact Comm Sys Op/Mech
- 2 E4 Tact Comm Sys Op/Mech
- 1 E4 Tact Wire Opns Sp
- 1 E3 Tact Wire Opns Sp
- 1 E4 Sp Elec Dev Rpr
- 2 E3 Tact Comm Sys Op/Mech

Equipment

- 2 Antenna RC-292
- 1 Binocular
- 1 Cable tel (1/4 mi)
- 6 Camouflage screen sys
- 6 Camouflage screen spt sys
- 1 Code changer key KYK-28
- 1 Compass mag
- 1 Detecting set mine
- 1 Detecting set mine PSS-11
- 1 Generator 1.5kw
- 1 Instal kit MK 1224
- 1 Instal kit MK 1552
- 1 Instal kit MK 1646
- 1 Inverter vibrator
- 1 Lchr gren 40mm
- 1 MG 7.62mm w/tripod
- 1 Multimeter
- 1 Pwr sup assy veh
- 2 Radiacmeter IM-93
- 1 Radiacmeter IM-174
- 1 Radio set VRC-49
- 1 Radio set control gp GRA-39
- 1 Reeling mach RL-39
- 1 Reproducer sig data
- 1 Speech sec equip KY-38
- 1 Tac digital regen repeater
- 2 Tel set TA-312
- 1 Test btry
- 1 Test set comp logic
- 1 Test set elec tube
- 1 Test set radio
- 1 Test set radio freq

- 1 Tool kit prec instr
- 6 Tool kit elec equip
- 1 Tlr 1/4T
- 1 Trk 1 1/4T
- 1 Trk 1/4T

WIRE SECTION

Personnel

- 1 E6 Tact Comm Ch
- 4 E5 Tact wire Opns Tm Ch
- 5 E4 Tac Wire Ops Spec
- 14 E3 Tac Wire Ops Spec

Equipment

- 4 Axle cable reel RL-27
- 2 Cable assy tel CX 4566
- 4 Cable assy tel CX 4760
- 35 Cable tel reel (1 mi)
- 10 Cable tel 2 cond fld wire
- 9 Camouflage screen sys
- 9 Camouflage screen spt sys
- 8 Coil tel repeating
- 4 Lchr gren 40mm
- 4 MG 7.62mm w/tripod
- 4 Reeling mach RL-31
- 4 Reeling mach RL-172
- 4 Splicing kit tel
- 3 Switchboard SB-22
- 8 Tel set TA-312
- 4 Trk 1 1/4T
- 1 Trk 1/4T

RATT SECTION

Personnel

- 1 E6 RATT Opns Supv
- 1 E5 RATT Opns Tm Ch
- 3 E4 RATT Opr
- 3 E3 RATT Opr

Equipment

- 3 Cable tel (1/4 mi)
- 9 Camouflage screen sys
- 9 Camouflage screen spt sys
- 3 Elec TT sec equip KW-7
- 3 Generator 5kw
- 3 Headset microphone
- 3 RATT set GRC-142
- 3 Reeling mach RL-39
- 3 Tel set TA-312
- 3 Trk 1 1/4T

MEDICAL SECTION

Personnel

- 1 WO Physician's Asst
- 1 E6 Sec Sgt
- 1 E5 Medical Aide
- 4 E4 Btry Aidman
- 1 E4 Medical Aide
- 1 E4 Amb Driver
- 1 E3 Amb Attendant
- 1 E6 Prac Nurse

Equipment

- 1 Blanket set bed
- 9 Camouflage screen sys
- 9 Camouflage screen spt sys
- 10 Mask head wound
- 1 Med equip set Bn Aid Sta
- 2 Gen set 1.5kw
- 1 Lt set gen illum
- 1 Night vision goggles
- 1 Radiac set
- 1 Splint set
- 8 Surgical instr/sup set
- 1 Tel set TA-312
- 1 Trk amb 1 1/4T
- 2 Trk 1 1/4T
- 2 Watch wrist
- 1 Tlr 3/4T

AD SECTION HQ

Personnel

- 1 Lt Sec Ldr
- 1 E6 Sec Sgt

Equipment

- 1 Cable tel (1/4 mi)
- 1 Camouflage screen sys
- 1 Camouflage screen spt sys
- 1 Display set tgt alert
- 1 Instal kit MK 1225
- 1 Radio set VRC-48
- 1 Radio set control gp GRA-39
- 1 Reeling mach RL-39
- 1 Code changer key KIK-18
- 1 Gen set 1.5kw
- 2 Interrogator set
- 1 Interrogator comp
- 1 Programmer interrogator
- 1 Tel set TA-312
- 1 Tlr 1/4T
- 1 Trk 1/4T
- 1 Training set GM

(4) AD TEAMS

Personnel

- 4 E5 Tm Ch
- 4 E4 Gunner

Equipment

- 4 Guided missile sys
- 8 Binocular
- 4 Cable tel (1/4 mi)
- 4 Camouflage screen sys
- 4 Camouflage screen spt sys
- 4 Display set tgt alert
- 4 Instal kit MK 1234
- 4 Radio set GRC-160
- 4 Harness GM equip trans
- 8 Interrogator set
- 4 Radiacmeter IM-93
- 4 Radiacmeter IM-174
- 4 Trainer handling GM lchr
- 8 Tel set TA-1
- 4 Tlr 1/4T
- 4 Trk 1/4T

MVR BDE FS SECTION

Personnel

- 1 O4 FSO
- 1 E7 FS Sgt
- 2 E4 FS Sp

Equipment

- 1 Accy kit MK 1321
- 1 Antenna AT-984
- 1 Antenna RC-292
- 2 Binocular
- 4 Cable tel (1/4 mi)
- 4 Camouflage screen sys
- 4 Camouflage screen spt sys
- 1 Carrier CP
- 2 Compass mag
- 1 Instal kit MK 1306
- 1 Instal kit MK 1554
- 1 Instal kit MK 1644
- 1 Lchr gren 40mm
- 2 Pwr sup assy veh
- 1 Radio set VRC-47
- 1 Radio set VRC-49
- 2 Radio set control gp GRA-39
- 2 Reeling mach RL-39
- 2 Speech sec equip KY-38
- 1 Switchboard SB-993
- 1 Tac digital regen repeater
- 2 Tel set TA-312
- 1 Tlr 1/4T
- 1 Trk 1/4T

(3) BATTALION FS SECTIONS

Personnel

- 3 O3 FSO
- 3 E7 FS Sgt
- 6 E4 FS Sp

Equipment

- 3 Accy kit
- 3 Antenna AT-984
- 3 Antenna RC-292
- 6 Binocular
- 12 Cable tel (1/4 mi)
- 12 Camouflage screen sys
- 12 Camouflage screen spt sys
- 3 Carrier CP
- 3 Charger btry
- 6 Compass mag
- 3 Instal kit MK 1306
- 3 Instal kit MK 1554
- 3 Instal kit MK 1644
- 3 Lchr gren 40mm
- 3 Pwr sup assy veh
- 3 Radio set VRC-47
- 3 Radio set VRC-49
- 6 Radio set cont gp GRA-39
- 6 Reeling mach RL-39
- 6 Speech sec equip KY-38
- 3 Switchboard SB-993
- 3 Tac digital regen repeater
- 6 Tel set TA-312
- 3 Tlr 1/4T
- 3 Trk 1/4T

(4) TANK COMPANY FISTs

Personnel

4 Lt FIST Ch
4 E6 FS Sgt
4 E4 FS Sp
8 E3 RTO

Equipment

8 Accy kit MK 1265
4 Accy kit MK 1266
4 Antenna AT-984
4 Antennna RC-292
12 Binocular
16 Cable tel (1/4 mi)
8 Camouflage screen sys
8 Camouflage screen spt sys
4 Carrier pers
8 Compass mag
4 Generator 1.5kw
4 Instal kit MK 1626
4 Lchr gren 40mm
4 MG cal 50 w/mount
4 Night vision goggles
4 Night vision sight TVS-5
4 Pwr sup assy veh
8 Radio set GRC-160
4 Radio set PRC-77
4 Radio set VRC-47
8 Radio set control gp GRA-39
4 Range finder laser
12 Reeling mach RL-39
4 Speech sec equip KY-38
8 Tel set TA-312

6 Radio set VRC-47
12 Radio set control gp GRA-39
12 Range finder laser
36 Reeling mach RL-39
6 Speech sec equip KY-38
6 Switchboard SB-993
30 Tel set TA-312

(6) INFANTRY COMPANY (MECH) FISTs

Personnel

6 Lt FIST Ch
6 E6 FS Sgt
18 E5 FO
6 E4 FS Sp
18 E3 RTO

Equipment

12 Accy kit MK 1265
6 Accy kit MK 1266
6 Antenna AT-984
6 Antenna RC-292
30 Binocular
72 Cable tel (1/4 mi)
12 Camouflage screen sys
12 Camouflage screen spt sys
6 Carrier pers;
30 Compass mag
6 Generator 1.5kw
6 Instal kit MK 1626
6 Lchr gren 40mm
6 MG cal 50 w/mount
6 Night vision goggles
6 Night vision sight TVS-5
6 Pwr sup assy veh
12 Radio set GRC-160
18 Radio set PRC-77

TOE 6-367H
FIELD ARTILLERY BATTERY, 155-MM, SELF-PROPELLED, FIELD ARTILLERY
BATTALION, SEPARATE ARMORED/MECHANIZED BRIGADE

(SAME AS FOR FA BTRY, FA BN 155-MM SP
MECH/ARMD DIV ARTY TOE 6-367H)

TOE 6-367H

MISSION: SUMMARY — MAJOR ITEMS OF EQUIPMENT

(SAME AS FOR FA BTRY, FA BN, 155-MM SP
MECH/ARMD DIV ARTY)

TOE 6-369H
SERVICE BATTERY, FIELD ARTILLERY BATTALION, 155-MM, SELF-PROPELLED
SEPARATE ARMORED/MECHANIZED BRIGADE

(SEE SVC BTRY, FA BN, 155-MM SP, ARMD/MECH DIV ARTY)

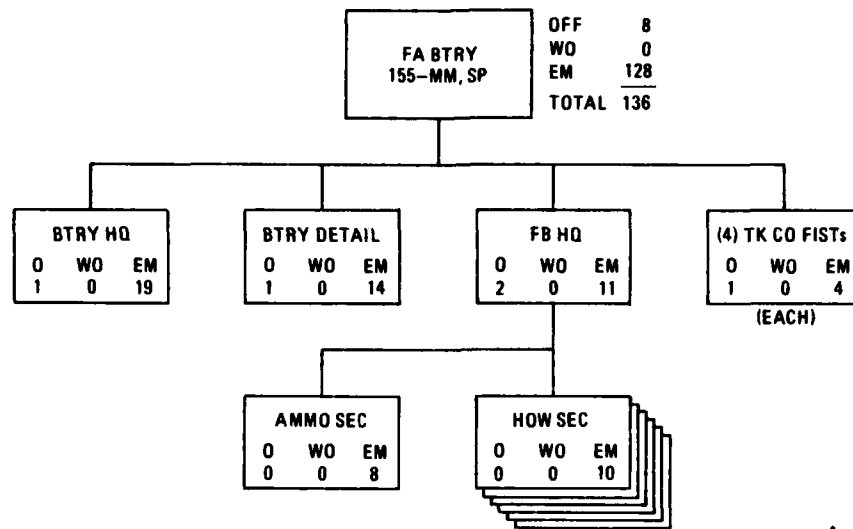
TOE 6-369H

MISSION: SUMMARY — MAJOR ITEMS OF EQUIPMENT

(SAME AS FOR SVC BTRY, FA BN, 155-MM SP
ARMD/MECH DIV ARTY TOE 6-369H)

TOE 6-37H

FIELD ARTILLERY BATTERY, 155-MM, SELF-PROPELLED,
ARMORED CAVALRY SQUADRON, ARMORED CAVALRY REGIMENT



MISSION: To provide FA support for the armored cavalry squadron of the armored cavalry regiment, and to furnish its portion of the target acquisition, communications, and survey systems.

TOE 6-37H

BTRY HQ

Personnel

- 1 O3 BC
- 1 E8 1st Sgt
- 1 E7 Food Svc Sgt
- 1 E6 Motor Sgt
- 1 E6 Supply Sgt
- 1 E5 1st Cook
- 1 E5 Track Veh Mech
- 1 E4 Armorer
- 2 E4 Cook
- 1 E4 Equip Maint Clk
- 2 E4 Track Veh Mech
- 1 E3 Veh Driver
- 2 E3 Track Veh Mech
- 1 E3 Cook
- 2 E3 Pwr Gen & W Veh Mech
- 1 E5 NBC Opns NCO

Equipment

- 1 Accy outfit fld range
- 136 Bayonet
- 1 Binocular
- 1 Cabinet tool/sp parts w/drwr
- 1 Cabinet tool/sp parts 35½H
- 1 Cable tel (¼ mi)
- 24 Camouflage screen sys
- 19 Camouflage screen spt sys
- 2 Charger radiac detector
- 1 Code changer key KYK-28
- 1 Compass mag
- 1 Compressor
- 7 Heater immersion
- 1 Instal kit MK 1306
- 1 Instal kit MK 1554
- 4 Lchr rkt M190
- 2 Lchr gren 40mm
- 33 Mask prot tk
- 103 Mask CBR
- 1 MG cal 50 w/mount
- 2 MG 7.62mm w/tripod
- 1 Multimeter AN/URM-105
- 6 Night vision goggles
- 4 Night vision sight PVS-4
- 1 Pistol cal 45
- 1 Pwr sup assy veh
- 1 Radiac set
- 2 Radiacmeter IM-93
- 1 Radiacmeter IM-174
- 1 Radio set VRC-47
- 1 Radio set control gp GRA-39
- 3 Range outfit fld
- 1 Reeling mach RL-39
- 135 Rifle 5.56mm
- 1 Speech sec equip KY-38
- 2 Tool set TA-312/PT
- 1 Shop equip auto maint
- 7 Tool kit mech
- 1 Tool kit carpenter
- 1 Tool kit sml arms
- 1 Tlr 1½T

- 1 Tlr tk wtr
- 1 Tlr ¼T
- 1 Tlr tk water
- 2 Trk 2½T
- 1 Trk 2½T w/winch
- 1 Trk ¼T
- 6 Watch wrist

BTRY DETAIL

Personnel

- 1 Lt Recon/Survey Off
- 1 E7 Ch of Detail
- 1 E6 Ch of Party
- 1 E6 Tac Comm Ch
- 1 E4 Survey Comp/Recorder
- 1 E5 Survey Comp
- 1 E5 Tact Wire Opns Tm Ch
- 2 E4 Tact Wire Opns Sp
- 2 E3 Tact Wire Opns Sp
- 1 E4 Instr Opr
- 1 E4 Tact Com Sys Op/Mech
- 1 E3 Rodman/Tapeman
- 1 E3 Veh Driver

Equipment

- 1 Aiming circle
- 1 Axle cable reel RL-27
- 3 Binocular
- 2 Cable tel (¼ mi)
- 7 Cable tel RL-159
- 1 Charger btry
- 10 Cable tel 2 cond fld wire
- 5 Camouflage screen sys
- 5 Camouflage screen spt sys
- 3 Compass mag
- 1 Detecting set mine
- 1 Detecting set mine PSS-11
- 2 Headset microphone
- 1 Instal kit MK 1234
- 1 Instal kit MK 1246
- 1 Inverter vibrator
- 3 Lchr gren 40mm
- 1 Multimeter
- 1 Night vision sight TVS-4
- 2 Periscope BC
- 2 Radio set PRC-77
- 2 Radio set AN/GRC-160
- 1 Radio set VRC-46
- 1 Reeling mach RL-31
- 1 Reeling mach RL-39
- 1 Reproducer sig data
- 1 Splicing kit tel
- 1 Surveying instr az gyro
- 1 Surveying set fire control 4th order
- 1 Switchboard SB-22
- 6 Tel set TA-312
- 1 Test btry
- 1 Test set comp logic
- 1 Test set elec tube
- 1 Test set radio
- 1 Theodolite survey
- 1 Tool kit elec equip

- 1 Tlr cargo ¼T
- 1 Tlr cargo ¾T
- 2 Trk 1¼T
- 2 Trk ¼T
- 1 Surveying instr DME

FB HQ

Personnel

- 1 Lt XO
- 1 Lt FDO
- 1 E7 Ch of FB
- 1 E7 Gunnery Sgt
- 1 E6 Ch FD Comp
- 2 E5 FD Comp
- 1 E4 CP Carrier Driver
- 3 E4 Chart Opr
- 2 E4 FA Arty Mech

Equipment

- 1 Accy kit MK 1320
- 1 Accy kit MK 1326
- 3 Aiming circle
- 2 Alarm CML
- 2 Antenna AT-984
- 4 Antenna RC-292
- 2 Binocular
- 5 Cable tel (¼ mi)
- 8 Camouflage screen sys
- 6 Camouflage screen spt sys
- 1 CP Carrier
- 1 Code changer key KYK-28
- 2 Compass mag
- 1 Comp gun dir
- 1 Demo set explosive
- 2 FD set arty
- 1 Generator 1.5kw
- 2 Generator 3kw
- 1 Generator 3kw DC
- 3 Headset microphone
- 1 Instal kit MK 1253
- 1 Instal kit MK 1663
- 1 Instal kit MK 1644
- 1 Light set gen
- 3 Plotting bd
- 2 Plotting set arty
- 2 Pwr sup
- 1 Purging kit, FC
- 2 Radiacmeter IM-93
- 1 Radiacmeter IM-174
- 1 Radio set VRC-46
- 2 Radio set VRC-47
- 3 Radio set control gp GRA-39
- 3 Reeling mach RL-39
- 2 Speech sec equip KY 38
- 1 Switchboard SB-993
- 1 Tel con/switching gp MX 155
- 5 Tel set TA-312
- 1 Tool kit arty mech
- 1 Tool kit spec wpns
- 2 Tool kit turret mech
- 1 Tlr ¼T
- 1 Trk 1¼T

(6) HOWITZER SECTIONS

Personnel

6 E6 Ch of Sec
6 E5 Gunner
3 E4 Asst Gunner
6 E4 Cargo Carrier Driver
6 E4 Motor Carriage Driver
24 E3 Cannoneer
6 E4 Cannoneer/Assembler

Equipment

6 Accy kit
6 Cable tel (1/4 mi)
48 Camouflage screen sys
48 Camouflage screen spt sys
6 Carrier cargo
6 Compass mag
6 Headset microphone
6 How med SP 155mm
6 Loudspeaker
12 MG 50 cal w/tripod
6 Reeling mach RL-39
6 Tel set TA-312
6 Tlr ammo 1 1/2T

4 Instal kit MK 1626
4 Lchr gren 40mm
4 MG 50 cal w/tripod
4 Night vision goggles
4 Night vision sight TVS-5
4 Pwr sup assy
8 Radio set GRC-160
4 Radio st PRC-77
4 Radio set VRC-47
8 Radio set control gp GRA-39
4 Range finder laser
12 Reeling mach RL-39
4 Speech sec equip KY-38
8 Tel set TA-312

AMMO SECTION

Personnel

1 E5 Sec Ch
1 E5 Hvy Veh Driver
4 E4 Hvy Veh Driver
2 E3 Ammo Handler

Equipment

2 Cable tel (1/4 mi)
9 Camouflage screen sys
6 Camouflage screen spt sys
3 Lchr gren 40mm
3 MG 7.62mm w/tripod
1 Tel set TA-312
3 Tlr 1 1/2T
3 Trk 8T

(4) TANK COMPANY/ CAV TRP FISTs

Personnel

4 Lt FIST Ch
4 E6 FS Sgt
4 E4 FS Sp
8 E3 RTO

Equipment

8 Accy kit MK 1265
4 Accy kit MK 1266
4 Antenna AT-984
4 Antenna RC-292
12 Binocular
16 Cable tel (1/4 mi)
4 Carrier pers
8 Camouflage screen sys
8 Camouflage screen spt sys
8 Compass mag
4 Generator set 1.5kw

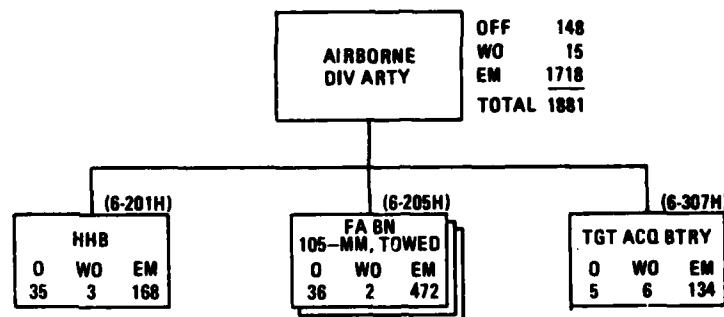
TOE 6-307
TARGET ACQUISITION BATTERY,
INFANTRY/ARMORED/MECHANIZED/AIRBORNE DIVISION

(SEE CHAPTER 2)

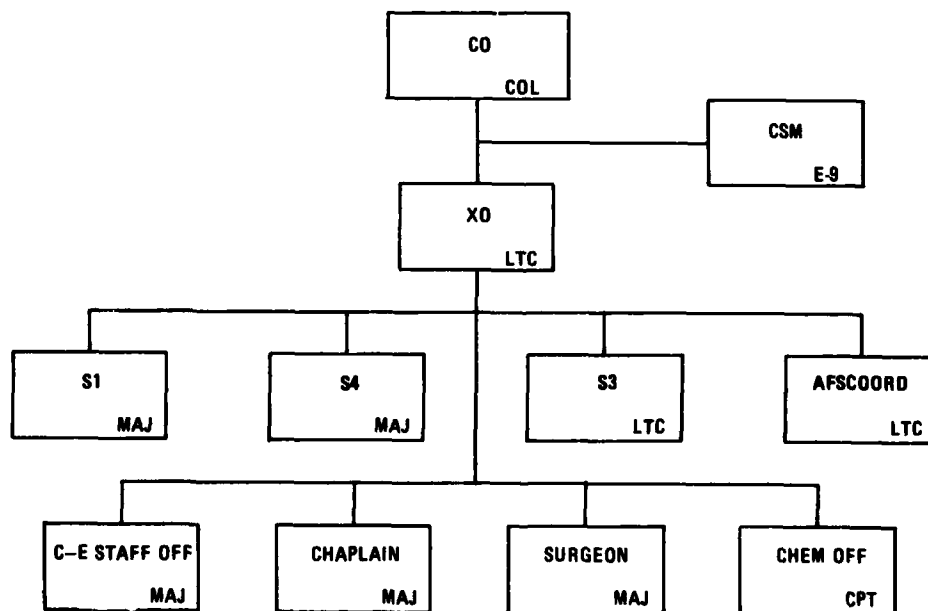
CHAPTER 4

FIELD ARTILLERY ORGANIC TO AIRBORNE ELEMENTS

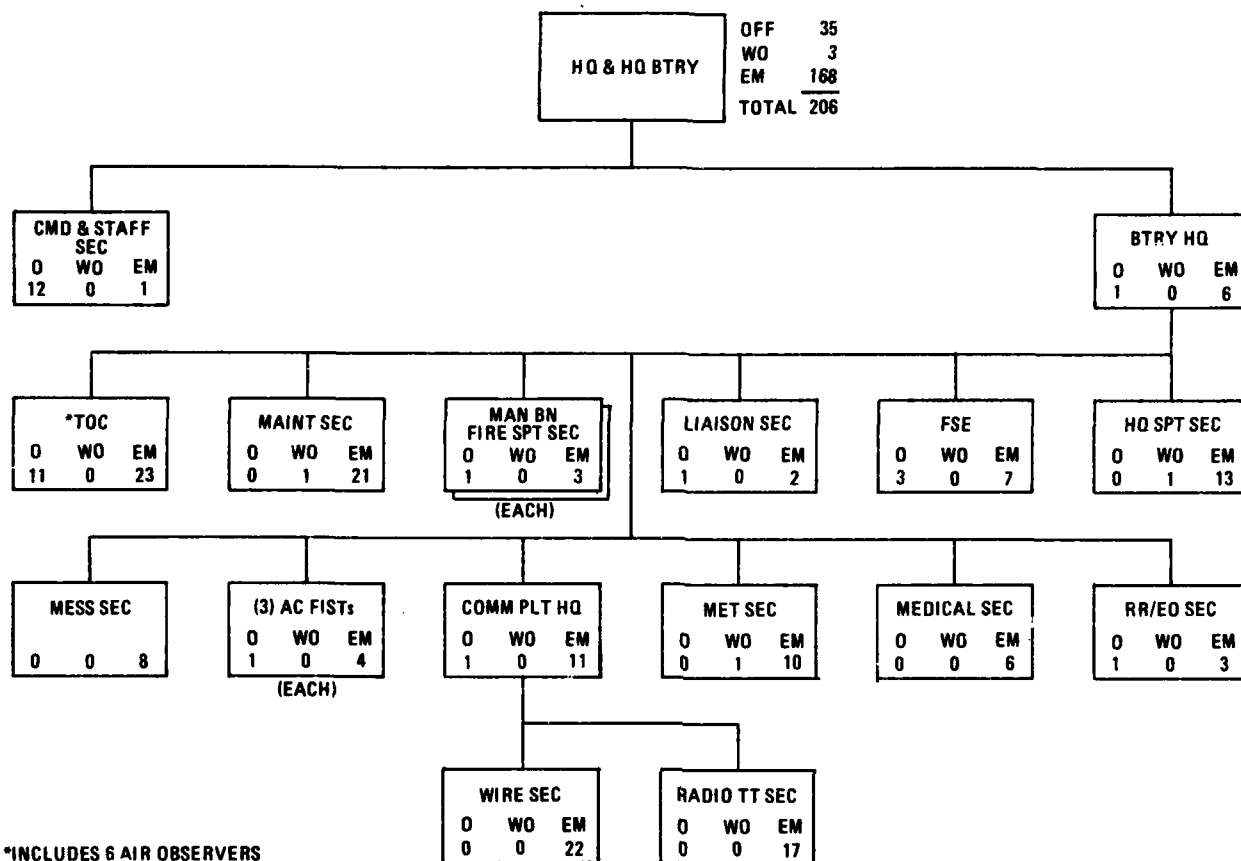
TOE 6-200H



STAFF (TOE 6-201H)



TOE 6-201H
HEADQUARTERS AND HEADQUARTERS BATTERY, AIRBORNE DIVISION ARTILLERY



MISSION: To direct and coordinate operations of the airborne division artillery and attached units and to provide facilities for control of these units.

TOE 6-201H

COMMAND/STAFF SECTION

Personnel

1 06 DIVARTY Cmdr
1 05 XO
1 05 AFSCOORD
1 05 S3
1 04 Asst S3
1 04 Chaplain
1 04 CE Stf Off
1 04 S1
1 04 S4
1 04 Surgeon
1 03 Chaplain
1 03 Chem Off
1 E9 CSM

Equipment

10 Bayonet
13 Mask CBR
9 Pistol cal 45
2 Rifle 5.56mm

TOC

Personnel

2 04 Ops Duty Off
1 03 Intel Off
6 Lt Air Observer
1 03 CF Duty Off
1 E9 Ops Sgt
1 E8 Intel Sgt
1 E7 Asst Ops Sgt
1 E7 Ch FD Comp
1 E7 NCO Opns/Stf NCO
1 E6 Asst Ch FD Comp
1 E6 Sr Intel Anal
2 E5 Intel Anal
1 E5 Sr Chron OP
1 E4 Chron OP
3 E4 Clk Typist
1 E4 Illustrator
5 E4 Ops Spec
3 E4 Radio Opr
1 Lt Asst Chem Off

Equipment

1 Alarm CML
1 Antenna AT-984
3 Antenna RC-292
34 Bayonet
2 Binocular
7 Cable tel (1/4 mi)
19 Camouflage screen sys
19 Camouflage screen spt sys
1 Code changer key KYK-28
2 Compass mag
1 Duplicating mach stencil
2 FD set arty
3 Generator 1.5kw
1 Generator 3kw
1 Gen set 0.5kw
4 Instal kit MK 1246

2 Instal kit MK 1234
3 Instal kit MK 1663
4 Instal kit MK 1266
2 Instal kit MK 1490
2 Instal kit MK 1552
2 Light set gen illum
1 MG 7.62mm w/tripod
31 Mask CBR
9 Pistol cal 45
1 Plotting set arty fire control
5 Pwr sup assy veh
2 Radio set GRC-106
6 Radio set VRC-46
5 Radio set control gp GRA-39
2 Rec/Tran control gp GRA-6
5 Reeling mach RL-39
25 Rifle 5.56mm
5 Speech sec equip KY-38
8 Tel set TA-312
2 Tlr 1/4T
2 Tlr 3/4T
3 Trk 1 1/4T
3 Trk 1/4 T

(2) MVR BATTALION FS SECTIONS

Personnel

2 03 FSO
2 E7 FS Sgt
4 E4 FS Sp

Equipment

2 Antenna AT-984
2 Antenna RC-292
8 Bayonet
4 Binocular
8 Cable tel (1/4 mi)
4 Camouflage screen sys
4 Camouflage screen spt sys
2 Charger btry
4 Compass mag
2 Generator 1.5kw
6 Instal kit MK 1246
2 Instal kit MK 1663
2 Lchr gren 40mm
8 Mask CBR
2 Pistol cal 45
2 Pwr sup assy
4 Radio set GRC-160
2 Radio set VRC-46
4 Radio set control gp GRA-39
4 Reeling mach RL-39
6 Rifle 5.56mm
2 Speech sec equip KY-38
4 Tel set TA-312
2 Trk 1 1/4T

LIAISON SECTION

Personnel

1 03 LO
1 E6 Ln Sgt
1 E4 Ln Sp

Equipment

1 Antenna RC-292
3 Bayonet
1 Cable tel (1/4 mi)
1 Camouflage screen sys
1 Camouflage screen spt sys
1 Code changer key KYK-28
1 Compass mag
1 Instal kit MK 1234
1 Instal kit MK 1512
3 Mask CBR
1 Pwr sup assy veh
1 Radio set GRC-160
1 Reeling mach RL-39
3 Rifle 5.56mm
1 Speech sec equip KY-38
1 Tel set TA-312
1 Tlr 1/4T
1 Trk 1/4T

FSE

Personnel

1 04 AFSCOORD
2 03 AFSCOORD
1 E8 Intel Sgt
1 E8 Ops Sgt
1 E7 Ch FD Comp
1 E6 Asst Ch FD Comp
1 E4 Clk Typist
1 E4 Intel Sp
1 E4 Ops Sp

Equipment

1 Antenna AT-984
1 Antenna RC-292
10 Bayonet
1 Cable tel (1/4 mi)
6 Camouflage screen sys
6 Camouflage screen spt sys
1 Code changer key
1 FD set arty
1 Instal kit MK 1246
10 Mask CBR
3 Pistol cal 45
1 Plotting set arty fire control
1 Pwr sup assy veh
1 Radio set GRC-160
1 Radio set control gp GRA-39
1 Reeling mach RL-39
7 Rifle 5.56mm
1 Speech sec equip KY-38
6 Tel set TA-312
1 Tlr 3/4T
1 Trk 1 1/4T

MET SECTION

Personnel

1 WO Met Tech
1 E7 Met Sta Ch
1 E6 FA Met Crewman
2 E5 FA Met Crewman
3 E4 FA Met Crewman
3 E3 FA Met Crewman

Equipment

- 1 Antenna RC-292
- 1 Barometer aneroid
- 11 Bayonet
- 1 Binocular
- 1 Cable tel DR-8
- 1 Calibrator freq
- 10 Camouflage screen sys
- 10 Camouflage screen spt sys
- 1 Compass mag
- 1 Generator 5kw
- 1 Instal kit MK 1246
- 1 MG 7.62mm w/tripod
- 11 Mask CBR
- 1 Met sta manual
- 1 Multimeter
- 1 Radio set VRC-46
- 1 Radiosonde
- 1 Rawin set
- 1 Recording set weather
- 1 Radio set control gp GRA-39
- 1 Reeling mach RL-39
- 11 Rifle 5.56mm
- 1 Tel set TA-312
- 1 Test set electr tube
- 1 Tool kit elec equip
- 2 Tlr ¾T
- 3 Trk 1¼T

COMMUNICATIONS PLAT HQ

Personnel

- 1 Lt Plat Ldr
- 1 E8 Comm Ch
- 1 E4 Tele Com Cen OP
- 3 E3 Tact Comm Sys Op/Mech
- 2 E4 Tact Wire Opns Sp
- 2 E3 Tact Wire Opns Sp
- 1 E4 Radio Opr
- 1 E5 Tact Comm Sys Op/Mech

Equipment

- 2 Antenna RC-292
- 12 Bayonet
- 1 Cable tel (¼ mi)
- 7 Camouflage screen sys
- 7 Camouflage screen spt sys
- 1 Code changer key KYK-28
- 1 Detecting set mine
- 1 Detecting set mine PSS-11
- 1 Generator 1.5kw
- 1 Instal kit MK 1224
- 1 Instal kit MK 1552
- 1 Instal kit MK 1646
- 12 Mask CBR
- 1 Multimeter
- 1 Pwr sup assy veh
- 2 Radiacmeter IM-93
- 1 Radiacmeter IM-174
- 1 Radio set VRC-49
- 1 Radio set control gp GRA-39
- 1 Reeling mach RL-39
- 12 Rifle 5.56mm

- 1 Speech sec equip KY-38
- 1 Tac digital regen repeater
- 1 Tel set TA-312
- 1 Teletypewriter PGC-1
- 1 Test btry
- 1 Test set radio
- 3 Tool kit elec equip
- 1 Tlr ¼T
- 1 Tlr ¾T
- 1 Trk 1¼T
- 1 Trk ¼T

WIRE SECTION

Personnel

- 1 E6 Sec Ch
- 3 E5 Wire Tm Ch
- 6 E4 Sr Tac Wire Ops Sp
- 12 E3 Tac Wire Ops Sp

Equipment

- 3 Axle cable reel RL-27
- 22 Bayonet
- 6 Cable assy CX 4566
- 12 Cable assy CX 4760
- 25 Cable tel (1 mi)
- 30 Cable tel 2 cond fld wire
- 8 Camouflage screen sys
- 8 Camouflage screen spt sys
- 3 MG 7.62mm w/tripod
- 22 Mask CBR
- 3 Reeling mach RL-31
- 1 Reeling mach RL-172
- 22 Rifle 5.56mm
- 1 Sig assy swbd TA-207
- 1 Switchboard SB-22
- 2 Switchboard SB-86
- 11 Tel set TA-312
- 1 Test set tel
- 2 Tlr ¾T
- 2 Trk 1¼T
- 2 Trk ¼T

RATT SECTION

Personnel

- 2 E6 RATT Ops Supv
- 5 E5 RATT Ops Tm Ch
- 5 E4 RATT Opr
- 5 E3 RATT Opr

Equipment

- 17 Bayonet
- 5 Cable tel (¼ mi)
- 15 Camouflage screen sys
- 15 Camouflage screen spt sys
- 5 Elec TT sec equip KW-7
- 5 Generator 5kw
- 5 Headset microphone
- 1 Instal kit MK 1246
- 17 Mask CBR
- 1 Radio set GRC-160
- 1 Radio set control gp GRA-39
- 5 Radio TT set GRC-172
- 5 Rec/Trans control gp GRA-6

- 5 Reeling mach RL-39
- 17 Rifle 5.56mm
- 5 Tel set TA-312
- 1 Terminal TT TCC-29
- 5 Trk 1¼T

BTRY HQ

Personnel

- 1 O3 BC
- 1 E8 1st Sgt
- 1 E6 Supply Sgt
- 1 E5 Unit Clk
- 1 E4 Armorer
- 1 E3 Lt Veh Driver
- 1 E3 Gen Supplyman

Equipment

- 1 Alarm CML
- 7 Bayonet
- 1 Cable tel (¼ mi)
- 10 Camouflage screen sys
- 10 Camouflage screen spt sys
- 3 Charger radiac detector
- 1 Compass mag
- 1 Drum liquid fuel (500 gal)
- 1 Filter/separator liquid fuel
- 1 Instal kit MK 1234
- 1 Lchr gren 40mm
- 1 Lchr rkt practice
- 1 MG 7.62mm w/tripod
- 7 Mask CBR
- 14 Night vision goggles PVS-5
- 5 Night vision sight PVS-4
- 1 Pistol cal 45
- 1 Pumping assy liquid
- 2 Radiacmeter set IM-93
- 1 Radiacmeter set IM-174
- 1 Radio set GRC-160
- 1 Radio set control gp GRA-39
- 1 Reeling mach RL-39
- 1 Repair kit coll
- 6 Rifle 5.56mm
- 5 Tel set TA-312
- 2 Tie down kit collapsible drum
- 1 Tool kit carpenters
- 1 Tool kit sml arms
- 1 Tlr ¾T
- 1 Trk 1¼T
- 1 Trk ¼T
- 39 Watch wrist
- 1 Yoke towing/lifting coll drum

HQ SPT SECTION

Personnel

- 1 WO Food Svc Tech
- 1 E8 Ch Supply Sgt
- 1 E8 Food Svc Supv
- 1 E7 Pers Stf NCO
- 1 E7 Sr Reenlist NCO
- 1 E5 Legal Clk
- 1 E5 Sr Chapel Act Sp
- 1 E5 Journalist
- 1 E4 Chapel Act Sp

- 1 E4 Gen Supplyman
- 2 E3 Lt Veh Driver
- 2 E4 Clk Typist

Equipment

- 14 Bayonet
- 2 Binocular
- 23 Camouflage screen sys
- 23 Camouflage screen spt sys
- 2 Chest hymn books
- 2 Compass mag
- 1 Duplicating mach stencil
- 1 Instal kit MK 1234
- 1 Instal kit MK 1306
- 1 Instal kit MK 1554
- 14 Mask CBR
- 1 Pwr sup assy
- 1 Radio set VRC-46
- 1 Radio set VRC-47
- 14 Rifle 5.56mm
- 1 Speech sec equip KY-38
- 5 Tel set TA-312
- 4 Tlr 1/4T
- 1 Tlr 3/4T
- 1 Trk 1 1/4T
- 5 Trk 1/4T

MESS SECTION

Personnel

- 1 E7 Food Svc Sgt
- 1 E6 1st Cook
- 1 E5 Cook
- 2 E4 Cook
- 3 E3 Cook

Equipment

- 1 Accy outfit fld range
- 8 Bayonet
- 6 Camouflage screen sys
- 6 Camouflage screen spt sys
- 17 Heater Immersion
- 8 Mask CBR
- 5 Range outfit fld
- 8 Rifle 5.56mm
- 1 Tel set TA-312
- 1 Tlr 3/4T
- 1 Trk 1 1/4T

MAINTENANCE SECTION

Personnel

- 1 WO Auto Maint Tech
- 1 E7 Motor Sgt
- 5 E5 Sr Pwr Gen & W Veh Mech
- 1 E4 Equip Maint Clk
- 7 E4 Pwr Gen & W Veh Mech
- 1 E4 PLL Clk
- 6 E3 Pwr Gen & W Veh Mech

Equipment

- 22 Bayonet
- 1 Cabinet tool/sp parts 35 1/2H
- 1 Cabinet tool/sp parts 3 shelves

- 1 Cabinet tool/sp parts w/18 drawers
- 6 Camouflage screen sys
- 6 Camouflage screen spt sys
- 1 Compressor
- 2 Generator 1.5kw
- 1 Generator 3kw
- 1 Lchr gren 40mm
- 1 Light set gen illum
- 1 MG 7.62mm w/tripod
- 22 Mask CBR
- 1 Multimeter
- 1 Charger btry
- 22 Rifle 5.56mm
- 1 Shop auto maint
- 2 Shop equip auto maint (org)
- 1 Tel set TA-312
- 18 Tool kit mech
- 2 Tlr 3/4T
- 2 Trk 1 1/4T

MEDICAL SECTION

Personnel

- 1 E6 Sec Sgt
- 1 E6 Prac Nurse
- 1 E5 Medical Aide
- 1 E4 Medical Aide
- 1 E4 Amb Driver
- 1 Amb attendant

Equipment

- 1 Blanket set bed
- 15 Camouflage screen sys
- 15 Camouflage screen spt sys
- 10 Mask CBR head wound
- 6 Mask CBR
- 1 Med equip set Bn Aid Sta
- 1 Radiac set
- 6 Rifle 5.56mm
- 1 Splint set
- 4 Surgical instr/sup set
- 1 Tel set TA-312
- 1 Tlr 3/4T
- 1 Trk amb 1 1/4T
- 1 Watch wrist

RR/EO SECTION

Personnel

- 1 O3 RR/EO Off
- 1 E6 RR/EO NCO
- 1 E5 EO NCO
- 1 E4 Clk Typist

Equipment

- 4 Bayonet
- 4 Mask CBR
- 4 Rifle 5.56mm

(3) AC FISTs (ABN)

Personnel

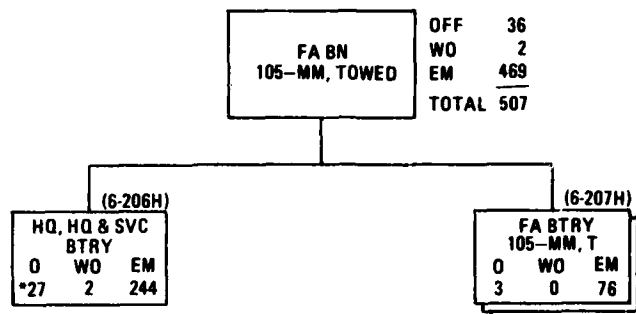
- 3 Lt FIST Ch
- 3 E6 FS Sgt

- 3 E4 FS Sp
- 6 E3 RTO

Equipment

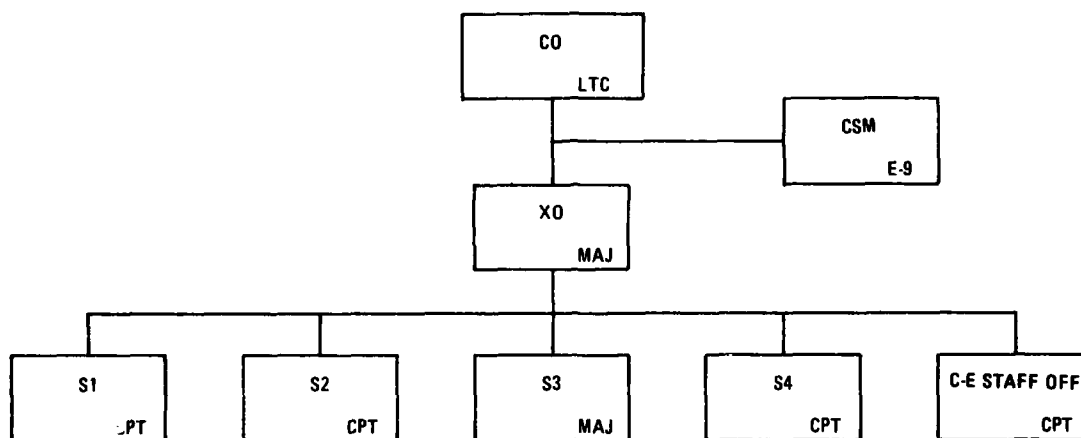
- 3 Antenna AT-984
- 3 Antenna RC-292
- 15 Bayonet
- 9 Binocular
- 12 Cable tel (1/4 mi)
- 6 Camouflage screen sys
- 6 Camouflage screen spt sys
- 6 Compass mag
- 3 Generator 1.5kw
- 6 Instal kit MK 1246
- 3 Instal kit MK 1253
- 1 Instal kit MK 1663
- 3 Lchr gren 40mm
- 15 Mask CBR
- 3 Night vision goggles PVS-5
- 3 Night vision sight TVS-5
- 3 Pwr sup assy veh
- 6 Radio set GRC-160
- 3 Radio set PRC-77
- 3 Radio set VRC-47
- 6 Radio set control gp GRA-39
- 3 Range finder laser
- 9 Reeling mach RL-39
- 15 Rifle 5.56mm
- 3 Speech sec equip KY-38
- 6 Tel set TA-312
- 3 Trk 1 1/4T

TOE 6-205H300
FIELD ARTILLERY BATTALION, 105-MM, TOWED,
AIRBORNE DIVISION OR SEPARATE AIRBORNE BRIGADE



*DIFFERS FROM TOE 6-206H302, HHB SEP ABN BDE

STAFF (TOE 6-206H)



TOE 6-205H

MISSION: To provide field artillery fires in direct support of a divisional airborne brigade or separate airborne brigade.

SUMMARY — MAJOR ITEMS OF EQUIPMENT

TRANSPORTATION

| | |
|-----------------------------|----|
| Trailer, cargo, 1 1/4-ton | 15 |
| Trailer, cargo, 3/4-ton | 33 |
| Truck, ambulance, 1 1/4-ton | 1 |
| Truck, cargo, 1 1/4-ton | 75 |
| Truck, utility, 1/4-ton | 13 |

MATERIEL

| | |
|------------------------------------|-----|
| Howitzer, lt, towed, 105-mm (M102) | 18 |
| Launcher, grenade, 40-mm | 46 |
| Machinegun, 7.62-mm | 28 |
| Pistol, cal 45 | 18 |
| Rifle, 5.56-mm | 492 |

COMMUNICATIONS

| | |
|-------------------------------------|-----|
| Antenna, AT-984/G | 24 |
| Antenna, RC-292 | 35 |
| Axle, cable, reel, RL-27 | 4 |
| Cable, tel, WD-1/TT, DR-8, 1/4 mi | 176 |
| Cable, tel, WD-1/TT, RL-159/U, 1 mi | 35 |
| Cable, tel, WD-1/TT, 2 conductor | 38 |
| Code changer key KYK-28/TSEC | 8 |
| Coil, tel repeating | 4 |
| Elec TT sec equip TSEC/KW-7 | 1 |
| Headset, microphone | 33 |
| Inverter vibrator | 1 |
| Reproducer, sig data | 1 |
| Splicing kit, tel | 4 |
| Radio set AN/GRC-106 | 1 |
| Radio set AN/GRC-160 | 51 |
| Radio set AN/PRC-77 | 27 |

| | |
|--|-----|
| Radio set AN/VRC-46 | 4 |
| Radio set AN/VRC-47 | 1 |
| Radio set AN/VRC-48 | 1 |
| Radio set AN/VRC-49 | 1 |
| Radio set control gp AN/GRA-39 | 46 |
| Radio teletypewriter set AN/GRC-142 | 1 |
| Receiver/transmitter control gp AN/GRA-6 | 1 |
| Reeling machine, cable, hand, RL-31 | 4 |
| Reeling machine, cable, hand, RL-39 | 90 |
| Reeling machine, motor driven | 4 |
| Speech scy equip TSEC/KY-38 | 31 |
| Switchboard, tel, man, SB-22/PT | 6 |
| Switchboard, SB-993 | 16 |
| Tac digital regen repeater | 1 |
| Telephone set TA-1/PT | 6 |
| Telephone set TA-312/PT | 141 |

GUNNERY

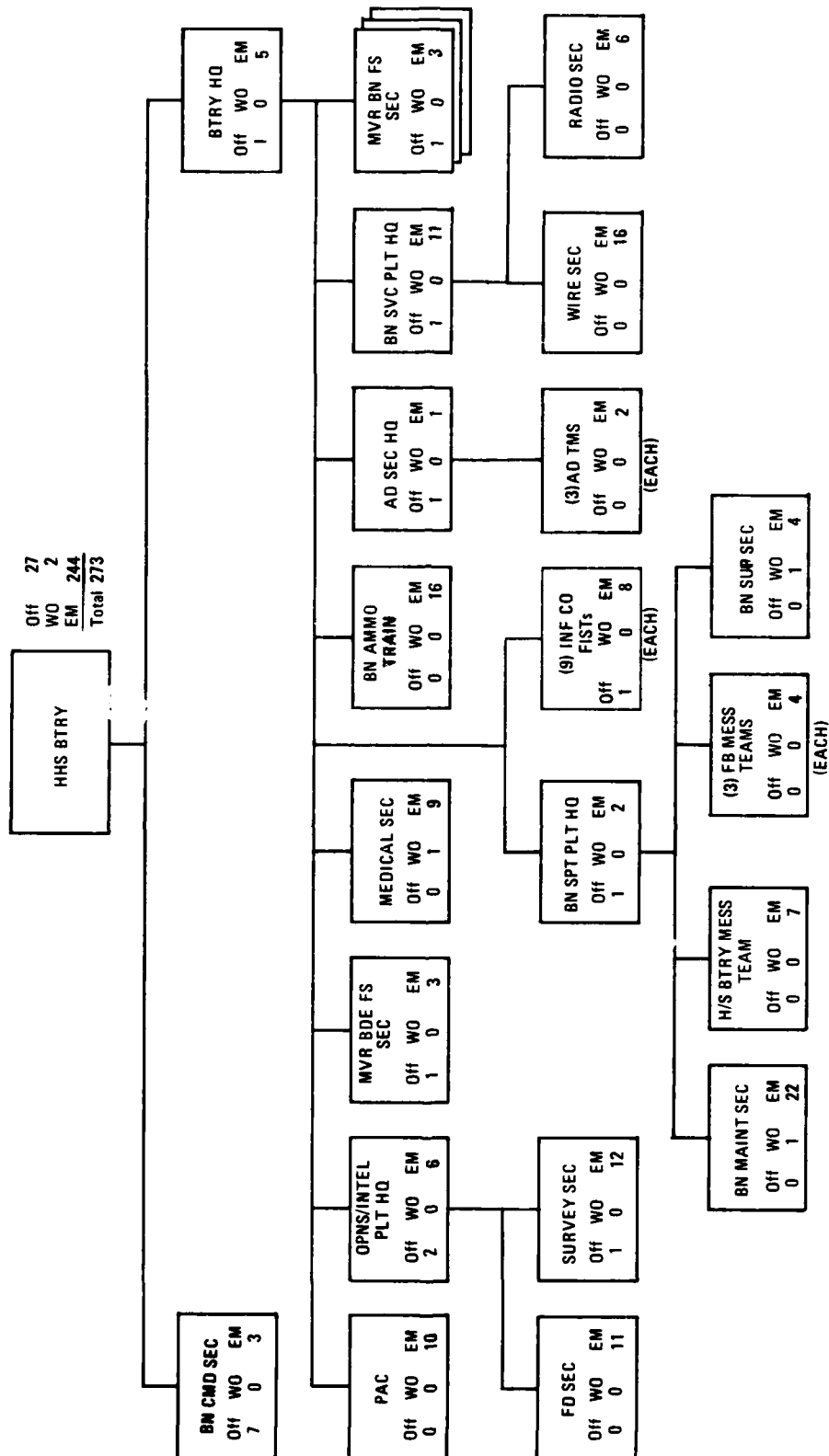
| | |
|--------------------------------------|----|
| Aiming circle | 11 |
| Computer, gun dir | 4 |
| FD set, arty, 15,000 meter | 10 |
| Plotting board, indir fire, arty/inf | 9 |

TARGET ACQUISITION

| | |
|--|---|
| Surveying inst DME | 2 |
| Surveying inst, az gyro | 2 |
| Surveying set, arty, fire control, 4th order | 2 |
| Theodolite survey, direct, 0.2 mil | 2 |

TOE 6-206H

HEADQUARTERS, HEADQUARTERS AND SERVICE BATTERY, FIELD ARTILLERY
BATTALION, 105-MM, TOWED, AIRBORNE DIVISION OR
SEPARATE AIRBORNE BRIGADE



TOE 6-206H

MISSION: a. To direct and coordinate operations of the battalion.

b. To provide facilities with which the battalion commander can control the battalion.

c. To procure and distribute supplies of all classes to units of the battalion, to maintain appropriate materiel and supply records, and to perform organizational-level maintenance functions not otherwise accomplished within the battalion.

BN CMD SEC

Personnel

- 1 05 Bn Cmdr
- 1 04 XO
- 1 04 S3
- 1 03 CE Stf Off
- 1 03 S1
- 1 03 S2
- 1 03 S4
- 1 E9 CSM
- 2 E3 Veh Driver

Equipment

- 2 Binocular
- 2 Camouflage screen sys
- 2 Camouflage screen spt sys
- 2 Compass mag
- 2 Instal kit MK 1306
- 2 Instal kit MK 1554
- 2 Pwr sup assy
- 2 Radio set AN/VRC-47
- 2 Speech sec equip KY-38
- 2 Tlr ¼T
- 2 Trk ¼T

(Note: FSOs are with sections)

BTRY HQ

Personnel

- 1 03 BC
- 1 E8 1st Sgt
- 1 E6 Supply Sgt
- 1 E4 Armorer
- 1 E4 Sup Sp
- 1 E3 Sup Sp

Equipment

- 1 Alarm CML
- 263 Bayonet
- 1 Cabinet tool/sp parts 35½H
- 12 Camouflage screen sys
- 12 Camouflage screen spt sys
- 3 Charger radiac detector
- 1 Compass mag
- 1 Instal kit MK 1246
- 1 Lchr gren 40mm
- 1 MG 7.62mm w/tripod
- 273 Mask CBR
- 5 Night vision goggles PVS-5
- 5 Night vision sight PVS-4
- 15 Pistol cal 45
- 2 Radiacmeter IM-93
- 1 Radiacmeter IM-174
- 1 Radio set GRC-160

258 Rifle 5.56mm

- 1 Tel set TA-312
- 1 Tool kit carpenter
- 1 Tool kit sml arms
- 1 Tlr ¾T
- 1 Trk 1¼T
- 20 Watch wrist

OPS-INTEL PLAT HQ

Personnel

- 1 03 FDO
- 1 Lt Intel Off
- 1 E8 Ops Sgt
- 1 E8 Intel Sgt
- 1 E5 Intel Analyst
- 1 E4 Clk Typist
- 1 E4 Ops Sp
- 1 E6 Chem Stf NCO

Equipment

- 1 Alarm CML
- 2 Antenna RC-292
- 2 Binocular
- 2 Cable tel (¼ mi)
- 12 Camouflage screen sys
- 12 Camouflage screen spt sys
- 1 Code changer key KYK-28
- 2 Compass mag
- 1 Duplicating mach stencil
- 3 Instal kit MK 1246
- 2 Instal kit MK 1663
- 2 Pwr sup assy
- 1 Radiacmeter IM-74
- 2 Radio set VRC-46
- 1 Radio set GRC-160
- 3 Radio set control gp GRA-39
- 1 Radio set VRC-47
- 2 Reeling mach RL-39
- 2 Speech sec equip KY-38
- 6 Tel set TA-312
- 1 Tlr ¾T
- 1 Trk 1¼T
- 1 Tlr ¼T
- 1 Trk ¼T

FD SECTION

Personnel

- 1 E7 Ch FD Comp
- 1 E6 Asst Ch FD Comp
- 4 E5 FD Comp
- 3 E4 Chart Opr
- 1 E3 RTO
- 1 E3 Veh Driver

Equipment

- 1 Alarm CML
- 1 Antenna AT-984
- 5 Antenna RC-292
- 4 Cable tel (¼ mi)
- 6 Camouflage screen sys
- 6 Camouflage screen spt sys
- 1 Computer gun dir
- 4 FD set arty
- 1 Generator 1.5kw (AC)
- 2 Generator 1.5kw (DC)
- 2 Generator 3kw
- 4 Headset microphone
- 5 Instal kit KK 1246
- 2 Instal kit MK 1663
- 1 Lchr gren 40mm
- 1 Light set gen illum
- 3 Plotting bd indir fire
- 2 Plotting set arty
- 2 Pwr sup assy
- 3 Radio set GRC-160
- 2 Radio set VRC-46
- 5 Radio set control gp GRA-39
- 4 Reeling mach RL-39
- 2 Speech sec equip KY-38
- 4 Tel set TA-312
- 2 Tlr ¾T
- 2 Trk 1¼T

SURVEY SECTION

Personnel

- 1 Lt Recon/Survey Off
- 1 E7 Ch Surveyor
- 2 E6 Ch of Survey Party
- 2 E5 Survey Comp
- 2 E4 Survey/Comp Recorder
- 2 E4 Instr Opr
- 2 E3 Rodman/Tapeman
- 1 E3 Veh Driver

Equipment

- 2 Aiming circle
- 5 Binocular
- 5 Camouflage screen system
- 5 Camouflage screen spt sys
- 1 Charger btry
- 4 Compass mag
- 2 Instr kit MK 1246
- 3 Instal kit Mk 1234
- 1 Instal kit MK 1306
- 2 Lchr gren 40mm
- 2 MG 7.62mm w/tripod
- 2 Periscope BC

- 4 Radio set GRC-160
- 1 Radio set VRC-47
- 2 Surveying instr az gyro
- 2 Surveying set arty 4th order
- 2 Theodolite survey
- 2 Trk 1 1/4T
- 3 Tik 1/4T
- 1 Watch wrist
- 2 Surv instr DME

MVR BDE FS SECTION (ABN)

Personnel

- 1 O4 FSO
- 1 E7 FS Sgt
- 2 E4 FS Sp

Equipment

- 2 Antenna AT-984
- 2 Antenna RC-292
- 2 Binocular
- 4 Cable tel (1/4 mi)
- 2 Camouflage screen sys
- 2 Camouflage screen spt sys
- 2 Compass mag
- 1 Generator 1.5kw
- 3 Instal kit MK 1246
- 1 Instal kit MK 1663
- 1 Lchr gren 40mm
- 1 Pwr sup assy veh
- 2 Radio set GRC-160
- 1 Radio set VRC-46
- 3 Radio set control gp GRA-39
- 2 Reeling mach RL-39
- 3 Speech sec equip KY-38
- 2 Tel set TA-312
- 1 Truck 1 1/4T
- 1 Swbd SB-993

(3) MVR BN FS SECTIONS

Personnel

- 3 O3 FSO
- 3 E7 FS Sgt
- 6 E4 FS Sp

Equipment

- 6 Antenna AT-984
- 6 Antenna RC-292
- 6 Binocular
- 12 Cable tel (1/4 mi)
- 6 Camouflage screen sys
- 6 Camouflage screen spt sys
- 3 Charger btry
- 6 Compass mag
- 3 Generator 1.5kw
- 9 Instal kit MK 1246
- 3 Instal kit MK 1663
- 3 Lchr gren 40mm
- 3 Pwr sup assy
- 6 Radio set GRC-160
- 3 Radio set VRC-46
- 3 Radio set control gp GRA-39
- 6 Reeling mach RL-39

- 3 Speech sec equip KY-38
- 6 Tel set TA-312
- 3 Trk 1 1/4T
- 3 Swbd SB-993

BN SERVICE PLAT HQ

Personnel

- 1 Lt Plat Ldr
- 1 E8 Comm Ch
- 1 E5 Tac Comm Sys Op/Mech
- 2 E4 Tac Comm Sys Op/Mech
- 1 E4 Tac Wire Opns Sp
- 4 E3 Tac Comm Sys Op/Mech
- 1 E3 Tac Wire Opns Sp
- 1 E3 Veh Driver

Equipment

- 2 Antenna RC-292
- 1 Binocular
- 1 Cable tel (1/4 mi)
- 6 Camouflage screen sys
- 6 Camouflage screen spt sys
- 1 Code changer key KYK-28
- 1 Compass mag
- 1 Detecting set mine
- 1 Detecting set mine PSS-11
- 1 Generator 1.5kw
- 1 Instal kit MK 1254
- 1 Instal kit MK 1665
- 1 Inverter vibrator
- 1 Lchr gren 40mm
- 3 Multimeter
- 1 Pwr sup assy
- 2 Radiacmeter IM-93
- 1 Radiacmeter IM-174
- 1 Radio set VRC-49
- 1 Radio set control gp GRA-39
- 1 Reeling mach RL-39
- 1 Reproducer sig data
- 10 Rifle 5.56mm
- 1 Speech sec equip KYK-38
- 1 Tac digital regen repeater
- 2 Tel set TA-312
- 1 Test btry
- 1 Test set comp logic
- 1 Test set elec tube
- 1 Test set radio
- 1 Test set radio freq
- 5 Tool kit elec equip
- 1 Tir 3/4T
- 1 Trk 1 1/4T

WIRE SECTION

Personnel

- 1 E6 Sec Ch
- 4 Tac Wire Opns Tm Ch
- 5 E4 Tac Wire Ops Sp
- 6 E3 Tac Wire Ops Sp

Equipment

- 4 Axle cable RL-27
- 2 Cable assy tel CX 4566
- 4 Cable assy tel CX 4760

- 35 Cable tel (1 mi)
- 8 Cable tel 2 cond fld wire
- 8 Camouflage screen sys
- 8 Camouflage screen spt sys
- 4 Coil tel repeating
- 4 Lchr gren 40mm
- 4 MG 7.62mm w/tripod
- 4 Splicing kit tel
- 3 Switchboard SB-22
- 8 Tel set TA-312
- 1 Tir 3/4T
- 4 Trk 1 1/4T

RADIO SECTION

Personnel

- 1 E5 Ch Rad Op Supv
- 1 E5 RATT Opr
- 1 E5 RATT Opns Tm Ch
- 1 E4 RATT Opr
- 1 E4 Radio Opr
- 1 E3 Radio Opr

Equipment

- 2 Cable tel (1/4 mi)
- 6 Camouflage screen sys
- 6 Camouflage screen spt sys
- 1 Elec TT sec equip KW-7
- 1 Generator 3kw
- 1 Generator 5kw
- 2 Headset microphone
- 1 Instal kit MK 1490
- 1 Lchr gren 40mm
- 1 Radio set GRC-106
- 1 RATT GRC-142
- 1 Rec/Trans control gp GRA-6
- 2 Reeling mach RL-39
- 2 Tel set TA-312
- 1 Tir 3/4T
- 2 Trk 1 1/4T

PAC

Personnel

- 1 E7 PAC Supv
- 1 E6 Pers Stf NCO
- 1 E6 Reenlist NCO
- 1 E5 PAC Clk
- 1 E5 Legal Clk
- 1 E4 Clk Typist
- 1 E3 Veh Driver
- 2 E3 PAC Clk
- 1 E4 PAC Clk

Equipment

- 1 Binocular
- 9 Camouflage screen sys
- 9 Camouflage screen spt sys
- 1 Compass mag
- 1 Duplicating mach stencil
- 1 Instal kit MK 1246
- 1 Radio set VRC-46
- 2 Tel set TA-312
- 1 Tir 3/4T
- 2 Trk 1 1/4T

MEDICAL SECTION

Personnel

- 1 WO Physician's Asst
- 1 E6 Sec Sgt
- 1 E6 Prac Nurse
- 1 E5 Medical Aide
- 1 E3 Medical Aide
- 1 E4 Medical Aide
- 3 E4 Btry Aidman
- 1 E3 Amb Driver

Equipment

- 1 Blanket set bed
- 6 Camouflage screen sys
- 6 Camouflage screen spt sys
- 1 Gen set 1.5kw
- 10 Mask head wound
- 1 Med set Bn Aid Sta
- 1 Radiac set
- 1 Splint set
- 7 Surgical instr/sup set
- 1 Tel set TA-312
- 1 Tlr 3/4T
- 1 Trk amb 1 1/4T
- 1 Watch wrist

BN MAINTENANCE SECTION

Personnel

- 1 WO Auto Maint Tec
- 1 E8 Motor Sgt
- 1 E6 Asst Motor Sgt
- 1 E4 Equip Maint Clk
- 5 E5 Pwr Gen & W Veh Mech
- 7 E4 Pwr Gen & W Veh Mech
- 5 E3 Pwr Gen & W Veh Mech
- 1 E4 PLL Clk
- 1 E3 Equip Maint Clk

Equipment

- 1 Cabinet tool/sp parts 3 shelves
- 1 Cabinet tool/sp parts 35 1/2H
- 13 Camouflage screen sys
- 13 Camouflage screen spt sys
- 1 Compressor
- 1 Generator 1.5kw
- 1 Generator 3kw
- 1 Lchr gren 40mm
- 1 MG 7.62mm w/tripod
- 1 Multimeter
- 2 Charger btry
- 1 Tel set TA-312
- 1 Shop equip auto main/repair
- 17 Tool kit mech
- 2 Tlr 3/4T
- 2 Trk 1 1/4T

BN SUPPLY SECTION

Personnel

- 1 E5 Gen Supply SP
- 1 E7 Supply Sgt
- 2 E4 Gen Supply Sp
- 1 E3 Gen Supply Sp

Equipment

- 6 Camouflage screen sys
- 6 Camouflage screen spt sys
- 1 Control pres fill drum
- 1 Hose and fitting kit
- 1 Repair kit coll fabric drum
- 2 Drum collapsible 500 gal
- 1 Filter separator liquid fuel
- 1 Lchr gren 40mm
- 1 MG 7.62mm w/tripod
- 1 Pumping assy
- 1 Tel set TA-312
- 1 Tie down kit coll drum
- 2 Tlr 3/4T
- 2 Trk 1 1/4T
- 1 Yoke towing/lifting coll drum

HQ/SVC BTRY MESS TEAM

Personnel

- 1 E7 Food Svc Sgt
- 1 E6 1st Cook
- 1 E5 Cook
- 2 E4 Cook
- 2 E3 Cook

Equipment

- 1 Accy outfit fld range
- 6 Camouflage screen sys
- 6 Camouflage screen spt sys
- 13 Heater immersion
- 1 Tlr 3/4T
- 1 Trk 1 1/4T
- 1 Yoke towing/lifting coll drum

(3) FIRING BTRY MESS TEAMS

Personnel

- 3 E7 Food Svc Sgt
- 3 E5 1st Cook
- 3 E4 Cook
- 3 E3 Cook

Equipment

- 3 Accy outfit fld range
- 9 Camouflage screen sys
- 9 Camouflage screen spt sys
- 12 Heater immersion
- 6 Range outfit fld
- 3 Tlr 3/4T
- 3 Trk 1 1/4T
- 3 Yoke towing/lifting coll drum

BN AMMO TRAIN

Personnel

- 1 E7 Ammo Sgt
- 1 E5 Ammo Sec Ch
- 1 E4 Ammo Sp
- 6 E3 Ammo Handler
- 6 E3 Veh Driver
- 1 E4 Gen Clk

Equipment

- 18 Camouflage screen sys
- 18 Camouflage screen spt sys

- 1 MG 7.62mm w/tripod
- 1 Tel set TA-312
- 6 Tlr 3/4T
- 6 Trk 1 1/4T

AD SECTION HQ

Personnel

- 1 Lt Sec Ldr
- 1 E6 Sec Sgt

Equipment

- 1 Cable tel (1/4 mi)
- 1 Camouflage screen sys
- 1 Camouflage screen spt sys
- 1 Code changer key KIK-18
- 1 Display set tgt alert data
- 1 Instal kit MK 1225
- 1 Gen set 1.5kw
- 2 Interrogator set
- 1 Interrogator comp
- 1 Programmer interrogator
- 1 Radio set VRC-48
- 1 Radio set control gp GRA-39
- 1 Reeling mach RL-39
- 1 Tel set TA-312
- 1 Tlr 1/4t
- 1 Trk 1/4T

(3) AD TEAMS

Personnel

- 3 E5 Tm Ch
- 3 E4 Gunner

Equipment

- 6 Binocular
- 3 Cable tel (1/4 mi)
- 3 Camouflage screen sys
- 3 Camouflage screen spt sys
- 3 Display set tgt alert data
- 3 Instal kit MK 1234
- 3 Radio set GRC-160
- 3 Reel equip CE-11
- 3 Harness GM equip trans
- 6 Interrogator set
- 3 Trainer handling GM lchr
- 6 Tel set TA-1PT
- 3 Tlr 1/4T
- 3 Trk 1/4T
- 6 Watch wrist

(9) INFANTRY COMPANY FISTS

Personnel

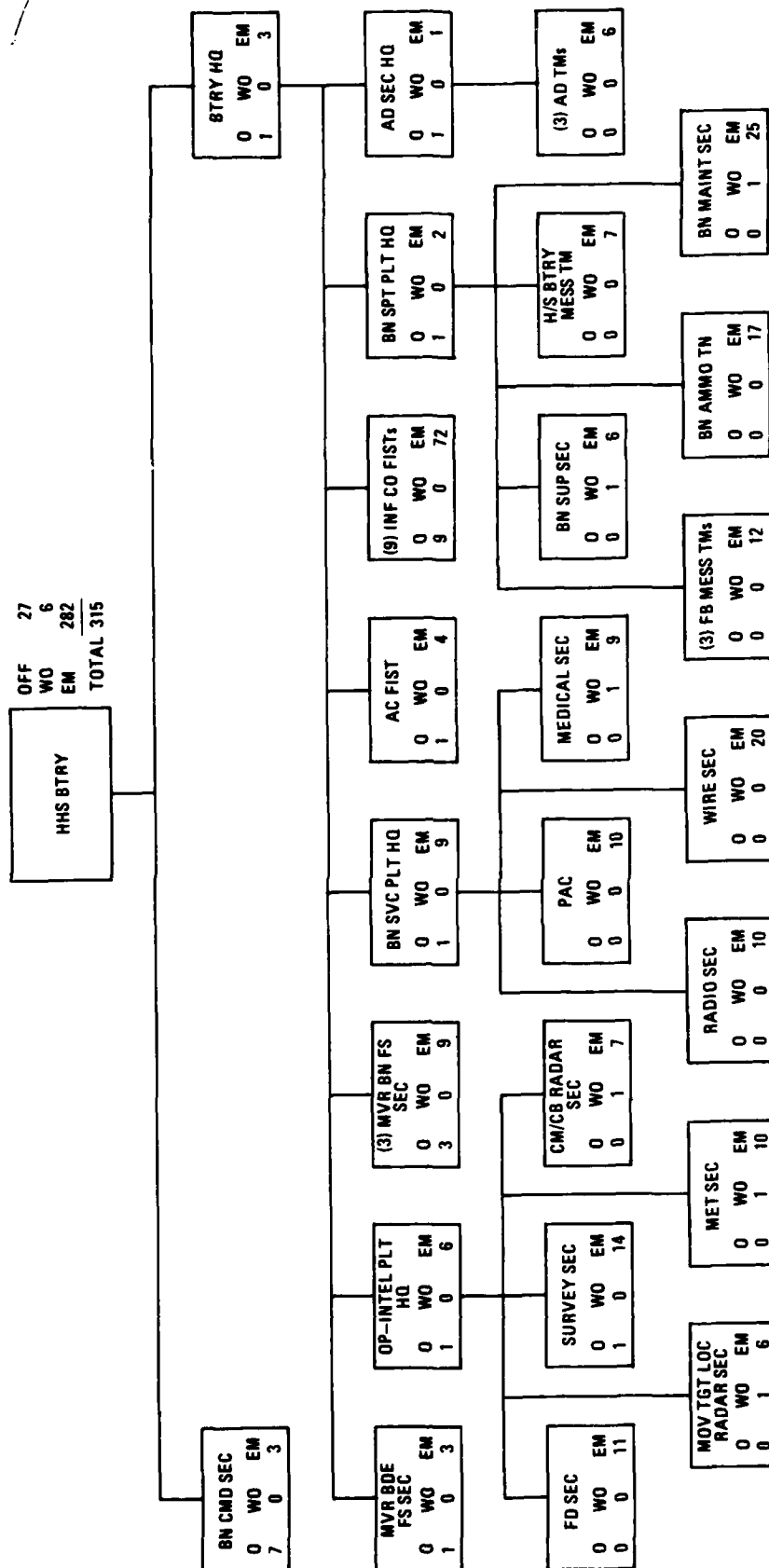
- 9 Lt FIST Ch
- 9 E6 FS Sgt
- 27 E5 FO
- 9 E4 FS Sp
- 27 E3 RTO

Equipment

- 9 Antenna AT-984
- 9 Antenna RC-292
- 45 Binocular
- 108 Cable Tel (1/4 mi)

18 Camouflage screen sys
18 Camouflage screen spt sys
45 Compass mag
9 Generator 1.5kw
27 Instal kit MK 1246
9 Lchr gren 40mm
9 Pwr sup assy veh
27 Radio set GRC-160
18 Radio set control gp GRA-39
18 Range finder laser
45 Reeling mach RL-39
9 Speech sec equip KY-38
9 Switchboard SB-993
45 Tel set TA-312
9 Trk 1¼T
9 Night vision goggles
9 Night vision crew svd wpns
27 Radio set PRC-77

TOE 6-206H320
HEADQUARTERS, HEADQUARTERS AND SERVICE BATTERY,
FIELD ARTILLERY BATTALION, 105-MM TOWED,
SEPARATE AIRBORNE BRIGADE



MISSION: a. To direct/coordinate operations of the battalion.

b. To provide facilities with which the battalion commander can control the battalion.

c. To provide/distribute supplies of all classes, to maintain appropriate materiel/supply records; and to perform organizational level maintenance function not otherwise accomplished within the battalion.

BN CMD SEC

Personnel

- 1 05 Bn Cmdr
- 1 04 XO
- 1 04 S3
- 1 03 CE Stf Off
- 1 03 S1
- 1 03 S2
- 1 03 S4
- 1 E9 CSM
- 2 E3 Veh Driver

Equipment

- 2 Binocular
- 3 Camouflage screen sys
- 3 Camouflage screen spt sys
- 3 Compass mag
- 2 Instal kit MK 1306
- 2 Instal kit MK 1554
- 2 Pwr sup assy veh
- 2 Radio set VRC-47
- 2 Speech sec equip KY-38
- 2 Trk 1/4T

OPS-INTEL PLAT HQ

Personnel

- 1 03 FDO
- 1 E8 Intel Sgt
- 1 E8 Ops Sgt
- 1 E4 Clk Typist
- 1 E4 Intel Sp
- 1 E4 Ops Sp
- 1 E6 Chem STP NCO

Equipment

- 1 Alarm CML
- 2 Antenna RC-292
- 2 Binocular
- 2 Cable tel (1/4 mi)
- 12 Camouflage screen sys
- 12 Camouflage screen spt sys
- 1 Code changer key KYK-38
- 2 Compass mag
- 1 Duplicating mach stencil
- 1 Instal kit MK 1246
- 1 Instal kit MK 1306
- 1 Instal kit MK 1554
- 2 Pwr sup assy veh
- 2 Radiacmeter IM-93
- 1 Radiacmeter IM-174
- 1 Radio set GRC-160
- 1 Radio set VRC-46
- 1 Radio set VRC-47
- 3 Radio set control gp GRA-39
- 2 Reeling mach RL-39

2 Speech sec equip KY-38

6 Tel set TA-312

- 1 Tlr 1/4T
- 1 Trl 3/4T
- 1 Trk 1/4T
- 1 Trk 1/4T

FD SECTION

Personnel

- 1 E7 Ch FD Comp
- 1 E6 Asst Ch FD Comp
- 4 E5 FD Comp
- 1 E3 RTO
- 1 E3 Veh driver
- 3 E4 Chart opr

Equipment

- 1 Alarm CML
- 1 Antenna AT-984
- 4 Antenna RC-292
- 5 Cable tel (1/4 mi)
- 6 Camouflage screen sys
- 6 Camouflage screen spt sys
- 1 Computer gun dir
- 4 FD set arty
- 1 Generator 1.5kw (120V)
- 2 Generator 1.5kw (28V)
- 2 Generator 3kw
- 4 Headset microphone
- 5 Instal kit MK 1246
- 2 Instal kit MK 1663
- 1 Lchr gren 40mm
- 1 Light set gen illum
- 3 Plotting bd indir fire
- 2 Plotting set arty fire control
- 2 Pwr sup assy veh
- 3 Radio set GRC-160
- 2 Radio set VRC-46
- 5 Radio set control gp GRA-39
- 4 Reeling mach RL-39
- 2 Speech sec equip KY-38
- 4 Tel set TA-312
- 2 Tlr 3/4T
- 2 Trk 1/4T

SURVEY SECTION

Personnel

- 1 Lt Recon/Survey Off
- 1 E7 Ch Surveyor
- 2 E6 Ch Survey Party
- 4 E4 Survey Comp/Recorder
- 2 E5 Survey Comp
- 2 E4 Instr Opr
- 1 E3 Veh Driver
- 2 E3 Rodman/Tapeman

Equipment

- 2 Aiming circle
- 4 Binocular
- 5 Camouflage screen sys
- 5 Camouflage screen spt sys
- 1 Charger btry
- 4 Compass mag
- 2 Instal kit MK 1234
- 2 Instal kit MK 1246
- 1 Instal kit MK 1306
- 2 MG 7.62mm w/tripod
- 2 Surveying instr az gyro
- 2 Surveying instr DME
- 2 Surveying set arty fire control 4th order
- 2 Theodolite surveying
- 1 Trk 1/4T
- 2 Trk 1/4T
- 1 Watch wrist
- 2 Lchr gren 40mm
- 2 Periscope BC
- 4 Radio set GRC-160
- 1 Radio set VRC-47

PAC

Personnel

- 1 E7 PAC Supvr
- 1 E6 Pers Stf NCO
- 1 E6 Reenlist NCO
- 1 E5 Legal Clk
- 1 E5 PAC Clk
- 1 E4 Clk Typist
- 2 E4 PAC Clk
- 1 E3 PAC Clk
- 1 E3 Veh Driver

Equipment

- 1 Binocular
- 6 Camouflage screen sys
- 6 Camouflage screen spt sys
- 1 Compass mag
- 1 Duplicating mach stencil
- 1 Instal kit MK 1246
- 1 Radio set VRC-46
- 2 Tel set
- 1 Tlr 3/4T
- 1 Trk 1/4T

BTRY HQ

Personnel

- 1 03 BC
- 1 E8 1st Sgt
- 1 E6 Supply Sgt
- 1 E4 Armorer

Equipment

- 1 Alarm CML
- 302 Bayonet
- 4 Camouflage screen sys
- 4 Camouflage screen spt sys
- 3 Charger radiac
- 1 Compass mag
- 1 Instal kit MK 1246
- 1 Lchr gren 40mm
- 4 Lchr rkt prac
- 1 MG 762mm w/tripod
- 312 Mask CBR
- 1 Night vision goggles
- 1 Night vision sight crew svd wpr
- 12 Pistol 45
- 2 Radiacmeter IM-93
- 1 Radiacmeter IM-174
- 1 Radio set GRC-160
- 300 Rifle 5.56mm
- 1 Tel set TA-312
- 1 Tool kit carpenters
- 1 Tool kit sml arms
- 1 Tlr ¾T
- 1 Trk 1¼T
- 20 Watch wrist

BN SERVICE PLAT HQ**Personnel**

- 1 Lt Plat Ldr
- 1 E8 Comm Ch
- 2 E5 Tac Comm Sys Op/Mech
- 3 E4 Tac Comm Sys Opr/Mech
- 1 E4 Tac Wire Ops Sp
- 1 E3 Veh Driver
- 1 E3 Tac Wire Ops Sp

Equipment

- 2 Antenna RC-292
- 1 Binocular
- 1 Cable tel (¼ mi)
- 6 Camouflage screen sys
- 6 Camouflage screen spt sys
- 1 Code changer key KYK-28
- 1 Compass mag
- 1 Detecting set mine
- 1 Detecting set mine PSS-11
- 1 Generator 1.5kw
- 1 Instal kit MK 1254
- 1 Instal kit MK 1665
- 1 Inverter vibrator
- 1 Lchr gren 40mm
- 1 Multimeter
- 1 Pwr sup assy veh
- 2 Radiacmeter IM-93
- 1 Radiacmeter IM-174
- 1 Radio set VRC-49
- 1 Radio set control gp GRA-39
- 1 Reeling mach RL-39
- 1 Reproducer sig data
- 1 Speech sec equip KY-38
- 1 Tac digital regen repeater
- 2 Tel set TA-312

- 1 Test btry
- 1 Test set comp logic
- 1 Test set elec tube
- 1 Test set radio
- 1 Test set radio freq
- 5 Tool kit elec equip
- 1 Tlr ¾T
- 1 Trk 1¼T

WIRE SECTION**Personnel**

- 1 E6 Sec Ch
- 4 E5 TAC Wire Ops Ch
- 7 E4 Tac Wire Ops Sp
- 8 E3 Tac Wire Ops Sp

Equipment

- 4 Axle cable RL-27
- 2 Cable assy tel CX 4566
- 4 Cable assy tel CX 4760
- 35 Cable tel (1 mi)
- 14 Cable tel 2 cond fld wire
- 8 Camouflage screen sys
- 8 Camouflage screen spt sys
- 8 Coil tel repeating
- 4 Lchr gren 40mm
- 4 MG 7.62m w/tripod
- 4 Reeling mach RL-31
- 4 Reeling mach RL-172
- 4 Splicing kit tel
- 3 Switchboard SB-22
- 8 Tel set TA-312
- 1 Tlr ¾T
- 4 Trk 1¼T

RADIO SECTION**Personnel**

- 1 E6 RATT Opns Supv
- 2 E5 RATT Ops Tm Ch
- 2 E4 RATT Opr
- 1 E4 Radio Opr
- 2 E3 Radio Opr
- 2 E3 RATT Opr

Equipment

- 3 Cable tel (¼ mi)
- 9 Camouflage screen sys
- 9 Camouflage screen spt sys
- 1 Elec TT sec equip KW-7
- 1 Generator 3kw
- 2 Generator 5kw
- 3 Headset microphone
- 1 Instal kit MK 1490
- 3 Lchr gren 40mm
- 1 Radio st GRC-106
- 2 RATT set GRC-142
- 1 Rec/Trans control gp GRA-6
- 3 Reeling mach RL-39
- 3 Tel set TA-312
- 1 Tlr ¾T
- 3 Trk 1¼T

MEDICAL SECTION**Personnel**

- 1 WO Physician's Asst
- 1 E6 Sec Sgt
- 1 E5 Medical Aide
- 1 E3 Medical Aide
- 1 E4 Medical Aide
- 3 E4 Btry Aidman
- 1 E3 Amb Driver
- 1 E6 Prac Nurse

Equipment

- 1 Blanket set bed
- 6 Camouflage screen sys
- 6 Camouflage screen spt sys
- 10 Mask head wound
- 1 Medical equip set Bn Aid Sta
- 1 Radiac set
- 1 Splint set
- 7 Surgical instr/sup set
- 1 Tel set TA-312
- 1 Tlr ¾T
- 1 Trk Amb 1¼T
- 1 Watch wrist
- 1 Gen set 1.5kw

BN SUPPORT PLAT HQ**Personnel**

- 1 Lt Plat Ldr
- 1 E7 Plat Sgt
- 1 E3 Veh Driver

Equipment

- 3 Camouflage screen sys
- 3 Camouflage screen spt sys
- 1 Compass mag
- 1 Instal kit MK 1246
- 2 Radiacmeter IM-93
- 1 Radiacmeter IM-174
- 1 Radio set GRC-160
- 1 Tel set TA-312
- 1 Tlr ¾T
- 1 Trk 1¼T

BN MAINTENANCE SECTION**Personnel**

- 1 WO Auto Maint Tech
- 1 E8 Motor Sgt
- 1 E6 Asst Motor Sgt
- 6 E5 Pwr Gen/Whl Veh Mech
- 1 E4 Equip Maint Clk
- 1 E4 PLL Clk
- 8 E4 Pwr Gen/Whl Veh Mech
- 1 E3 Equip Maint Clk
- 6 E3 Pwr Gen/Whl Veh Mech

Equipment

- 1 Cabinet tool/sp parts 3 shelves
- 1 Cabinet tool/sp parts 35½H
- 13 Camouflage screen sys
- 3 Camouflage screen spt sys
- 1 Compressor
- 1 Generator 1.5kw

- 1 Generator 3kw
- 1 Lchr gren 40mm
- 1 MG 7.62mm w/tripod
- 1 Multimeter
- 2 Charger btry
- 1 Tel set TA-312
- 1 Shop equip auto maint
- 20 Tool kit mech
- 2 Tlr ¾T
- 2 Trk 1¼T

BN SUPPLY SECTION

Personnel

- 1 WO Unit Sup Tech
- 1 E7 Sup Sgt
- 1 E5 Gen Supply Sp
- 2 E4 Gen Supply
- 2 E3 Gen Supply Sp

Equipment

- 6 Camouflage screen sys
- 6 Camouflage screen spt sys
- 2 Drum collapsible 500 gal
- 1 Filter separator liquid fuel
- 1 Lchr gren 40mm
- 1 MG 7.62mm w/tripod
- 1 Pumping assy
- 1 Control pres filling
- 1 Hose and fitting kit
- 1 Repair kit coll
- 1 Tel set TA-312
- 1 Tie down kit collapsible drum
- 1 Tlr ¾T
- 1 Trk 1¼T
- 1 Yoke towing/lifting

BN AMMO TRAIN

Personnel

- 1 E7 Ammo Sgt
- 2 E5 Ammo Sec Ch
- 1 E4 Ammo Sp
- 1 E4 Gen Clk
- 6 E3 Ammo Handler
- 6 E3 Veh Driver

Equipment

- 18 Camouflage screen sys
- 18 Camouflage screen spt sys
- 1 MG 7.62mm w/tripod
- 1 Tel set TA-312
- 6 Tlr ¾T
- 6 Trk 1¼T

HQ/SVC BATTERY MESS TEAM

Personnel

- 1 E7 Food Svc Sgt
- 1 E6 1st Cook
- 1 E5 Cook
- 2 E4 Cook
- 2 E3 Cook

Equipment

- 1 Accy outfit fld range
- 14 Camouflage screen sys
- 14 Camouflage screen spt sys
- 13 Heater immersion
- 4 Range outfit fld
- 1 Tlr ¾T
- 1 Trk 1¼T
- 1 Yoke towing/lifting

(3) FIRING BATTERY MESS TEAMS

Personnel

- 3 E6 Food Svc Sgt
- 3 E5 1st Cook
- 3 E4 Cook
- 3 E3 Cook

Equipment

- 3 Accy outfit fld range
- 9 Camouflage screen sys
- 9 Camouflage screen spt sys
- 12 Heater immersion
- 6 Range outfit fld
- 3 Tlr ¾T
- 3 Trk 1¼T
- 3 Yoke towing/lifting

AD SECTION HQ

Personnel

- 1 Lt Sec Ldr
- 1 E6 Sec Sgt

Equipment

- 1 Cable tel (¼ mi)
- 1 Camouflage screen sys
- 1 Camouflage screen spt sys
- 1 Display set tgt alert data
- 1 Instal kit MK 1225
- 1 Radio set VRC-48
- 1 Radio set control gp GRA-39
- 1 Reeling mach RL-39
- 1 Tlr ¾T
- 1 Trk 1¼T
- 1 Code changer key KIK-18
- 1 Gen set 5kw
- 1 Interrogator comp
- 2 Interrogator set
- 1 Programmer inter set
- 1 Tng set GM sys
- 1 Tel set TA-312

(3) AD TEAMS

Personnel

- 3 E5 Tm Ch
- 3 E4 Gunner

Equipment

- 6 Binocular
- 3 Cable tel (¼ mi)
- 3 Camouflage screen sys
- 3 Camouflage screen spt sys
- 3 Display set tgt alert data

- 3 Instal kit MK 1234
- 3 Radio set GRC-160
- 3 Reel equip CE-11
- 3 Tel set TA-1/PT
- 3 Tlr ¾T
- 3 Trk 1¼T
- 3 Harness GM equip trans
- 6 Interrogator set
- 6 Watch wrist

MVR BDE FS SECTION (ABN)

Personnel

- 1 O4 FSO
- 1 E7 FS Sgt
- 2 E4 FS Sp

Equipment

- 1 Antenna AT-984
- 1 Antenna RC-292
- 2 Binocular
- 4 Cable tel (¼ mi)
- 2 Camouflage screen sys
- 2 Camouflage screen spt sys
- 2 Compass mag
- 1 Generator 1.5kw
- 3 Instal kit MK 1246
- 1 Instal kit MK 1663
- 1 Lchr gren 40mm
- 1 Pwr sup assy veh
- 2 Radio set GRC-160
- 1 Radio set VRC-46
- 2 Radio set control gp GRA-39
- 2 Reeling mach RL-39
- 1 Speech sec equip KY-28
- 2 Tel set TA-312
- 1 Trk 1¼T

(3) MVR BN FS SECTIONS

Personnel

- 1 O3 FSO
- 3 E7 FS Sgt
- 6 E4 FS Sp

Equipment

- 3 Antenna AT-984
- 3 Antenna RC-292
- 6 Binocular
- 12 Cable tel (¼ mi)
- 6 Camouflage screen sys
- 6 Camouflage screen spt sys
- 3 Charger btry range finder
- 6 Compass mag
- 3 Generator 1.5kw
- 9 Instal kit MK 1246
- 3 Instal kit MK 1663
- 3 Lchr gren 40mm
- 3 Pwr sup assy veh
- 6 Radio set GRC-160
- 3 Radio set VRC-46
- 9 Radio set control gp GRA-39
- 6 Reeling mach RL-39

- 3 Speech sec equip KY-38
- 6 Tel set TA-312
- 3 Trk 1 1/4T

(9) INFANTRY COMPANY FISTs (ABN)

Personnel

- 9 Lt FIST Ch
- 9 E6 FS Sgt
- 27 E5 FO
- 9 E4 FS Sp
- 27 RTO

Equipment

- 9 Antenna AT-984
- 9 Antenna RC-292
- 45 Binocular
- 108 Cable tel (1/4 mi)
- 18 Camouflage screen sys
- 18 Camouflage screen spt sys
- 45 Compass mag
- 9 Generator 1.5kw
- 27 Instal kit MK 1246
- 9 Lchr gren 40mm
- 9 Night vision goggles
- 9 Night vision sight TVS-5
- 9 Pwr sup assy veh
- 27 Radio set GRC-160
- 27 Radio set PRC-77
- 18 Radio set control gp GRA-39
- 18 Range finder laser
- 45 Reeling mach RL-39
- 9 Speech sec equip KY-38
- 9 Switchboard SB-993
- 45 Tel TA-312
- 9 Trk 1 1/4T

ARMED CAV FIST (ABN)

Personnel

- 1 Lt FIST Ch
- 1 E6 FS Sgt
- 1 E4 FS Sp
- 2 E3 RTO

Equipment

- 1 Antenna AT-984
- 1 Antenna RC-292
- 3 Binocular
- 4 Cable tel DR-8
- 2 Camouflage screen sys
- 2 Camouflage screen spt sys
- 2 Compass mag
- 1 Gen set 1.5kw
- 2 Instal kit MK 1246
- 1 Instal kit MK 1253
- 1 Instal kit MK 1663
- 1 Launcher gren 40mm
- 1 Night vision goggles
- 1 Night vision sight gren svd wpn
- 1 Pwr sup assy
- 2 Radio set GRC-160
- 1 Radio set PRC-77

- 1 Radio set VRC-47
- 3 Radio set control gp GRA-39
- 1 Range finder laser
- 3 Reeling mach RL-39
- 1 Speech sec equip KY-38
- 2 Tel set TA-312
- 1 Trk 1 1/4T

MOV TGT LOC RADAR SEC

Personnel

- 1 WO FA Radar Tech
- 1 E6 Sec Chief
- 1 E5 FA Radar Opr
- 2 E4 FA Radar Opr
- 1 E4 Pwr Gen & W Veh Mech
- 1 E4 Spt Radar Mech

Equipment

- 1 Aiming circle
- 1 Antenna RC-292
- 1 Binocular
- 2 Cable tel DR-8 (1/4 mi)
- 11 Camouflage screen sys (radar scht)
- 11 Camouflage screen sys (radar trans)
- 8 Camouflage screen spt sys
- 1 Compass
- 1 Gen set 1.5kw
- 2 Gen set 3kw
- 1 Instal kit MK 1246
- 1 Instal kit MK 1663
- 1 Lchr gren 40mm
- 1 MG 7.62mm w/tripod
- 1 Multimeter
- 1 Oscilloscope
- 1 Plotting set arty FC
- 1 Power sup assy
- 1 Radar set TPS-25
- 1 Radio set VRC-46
- 1 Radio set cont gp GR-39
- 2 Reeling mach RL-39
- 1 Speech sec equip KY-38
- 1 Tel set TA-1/PT
- 1 Test set elec tube
- 1 Tool kit mech
- 1 Tool kit elec equip
- 1 Tlr 3/4T
- 1 Tlr 1 1/2T
- 1 Trk 1 1/4T
- 1 Trk 2 1/2T

CM/CB RADAR SEC

Personnel

- 1 WO FA Radar Tech
- 1 E6 Sec Ch
- 1 E5 Radar Opr
- 4 E4 Radar Opr
- 1 E4 Radar Mech

Equipment

- 1 Aiming circle
- 1 Binocular

- 2 Cable tel DR-8 (1/4 mi)
- 3 Cable tel RL-159 (1 mi)
- 4 Camouflage screen (radar scat) sys
- 2 Camouflage screen (radar trans) sys
- 6 Camouflage screen spt sys
- 1 Compass mag
- 1 Gen set 1.5kw
- 1 Instal kit MK 1246
- 1 Instal kit MK 1663
- 1 Lchr gren 40mm
- 1 Lt targeting surv
- 1 MG cal 7.62mm w/tripod
- 1 Multimeter
- 1 Plotting set arty
- 1 Pwr sup assy
- 3 Radio set VRC-46
- 1 Radio set cont gp GRA-39
- 1 Radar TPO-36
- 1 Reeling mach RL-31
- 2 Reeling mach RL-39
- 1 Speech sec equip KY-38
- 1 Surveying set arty FC
- 1 Tel set TA-312
- 1 Test set elec tube
- 1 Tool kit mech
- 1 Tool kit electronic equip
- 1 Tool kit electric equip
- 1 Tlr 3/4T
- 3 Trk 1 1/4T

METEOROLOGICAL SEC

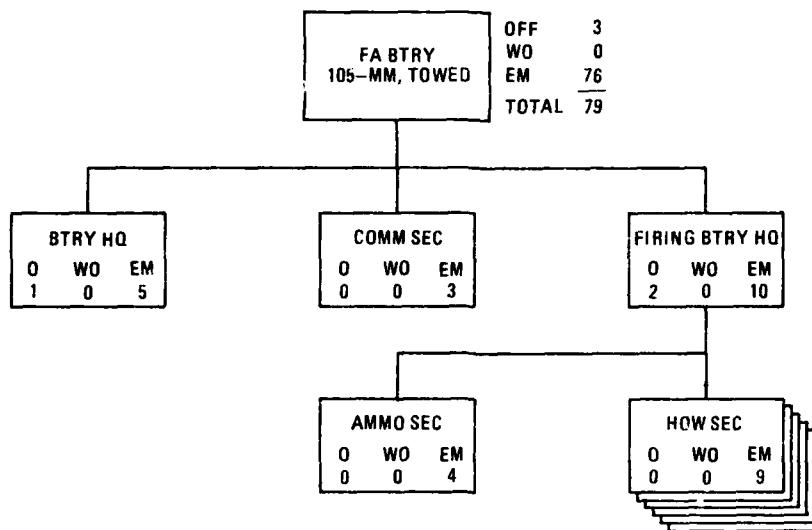
Personnel

- 1 WO Met Tech
- 1 E7 Met Sec Ch
- 1 E6 FA Met Crewman
- 2 E5 FA Met Crewman
- 3 E4 FA Met Crewman
- 3 E3 FA Met Crewman

Equipment

- 1 Antenna RC-292
- 1 Barometer
- 1 Binocular
- 1 Cable tel DR-8 (1/4 mi)
- 1 Calibrator
- 10 Camouflage screen sys
- 10 Camouflage screen spt sys
- 1 Compass mag
- 1 Gen set 5kw
- 1 instal kit MK 1817
- 1 MG 7.62mm w/tripod
- 1 Radio set VRC-46
- 1 Radio set control gp GRA-39
- 1 Radiosonde
- 1 Rawin set
- 1 Recording set weather data
- 1 Reeling mach RL-39
- 1 Tel set TA-312
- 1 Tool kit elec equip
- 2 Tlr 3/4T
- 3 Trk 1 1/4T

TOE 6-207H
 FIELD ARTILLERY BATTERY, 105-MM, TOWED,
 FIELD ARTILLERY BATTALION, AIRBORNE DIVISION OR SEPARATE AIRBORNE BRIGADE



MISSION: To provide a firing component of field artillery battalion to which assigned.

TOE 6-207H

BTRY HQ

Personnel

- 1 O3 BC
- 1 E8 1st Sgt
- 1 E6 Supply Sgt
- 1 E4 Armorer
- 1 E3 Veh Driver
- 1 E5 NBC Opns NCO

Equipment

- 75 Bayonet
- 1 Binocular
- 12 Camouflage screen sys
- 11 Camouflage screen spt sys
- 2 Charger radiac detector
- 1 Compass mag
- 2 Instal kit MK 1234
- 1 Instal kit MK 1552
- 2 Lchr gren 40mm
- 76 Mask CBR
- 6 Night vision goggles
- 3 Night vision sight PVS-4
- 1 Pistol cal 45
- 1 Pwr sup assy veh
- 1 Radiac set
- 2 Radiacmeter IM-93
- 1 Radiacmeter IM-174
- 1 Radio set GRC-160
- 1 Radio set VRC-46
- 75 Rifle 5.56mm
- 1 Speech sec equip KY-38
- 2 Tel set TA-312
- 1 Tool kit carpenters
- 1 Tool kit sml arms
- 1 Tlr 1/4T
- 2 Tlr 3/4T
- 1 Trk 1/4T
- 1 Trk 1 1/4T
- 6 Watch wrist

COMM SECTION

Personnel

- 1 E6 TAC Com Ch
- 1 E4 TAC Wire Opns Sp
- 1 E3 TAC Wire Opns Sp

Equipment

- 10 Cable tel 2 cond fld wire
- 1 Detecting set mine
- 1 Detecting set mine PSS-11
- 1 Lchr gren 40mm
- 1 Switchboard SB-22
- 5 Tel set TA-312

FB HQ

Personnel

- 1 Lt XO
- 1 Lt FDO
- 1 E7 Ch of FB
- 1 E7 Gunnery Sgt

- 1 E6 Ch FD Comp
- 2 E5 FD Comp
- 3 E4 Chart Opr
- 1 E4 FA Wpns Mech
- 1 E3 RTO

Equipment

- 3 Aiming circle
- 2 Alarm CML
- 2 Antenna AT-984
- 3 Antenna RC-292
- 2 Binocular
- 6 Cable tel (1/4 mi)
- 8 Camouflage screen sys
- 6 Camouflage screen spt sys
- 1 Code changer key KYK-28
- 2 Compass mag
- 1 Computer gun dir
- 2 FD set arty
- 2 Generator 1.5kw
- 2 Gen set 3kw
- 3 Headset microphone
- 3 Instal kit MK 1246
- 2 Instal kit MK 1663
- 2 Lchr gren 40mm
- 2 Light set gen illum
- 2 Plotting bd indir fire
- 2 Plotting set arty
- 1 Purging kit FC
- 2 Radiacmeter IM-93
- 1 Radiacmeter IM-174
- 4 Radio set VRC-46
- 4 Radio set control gp GRA-39
- 3 Reeling mach RL-39
- 1 Speech sec equip KY-38
- 1 Tel conn/switching gp MX 155/GT
- 5 Tel set TA-312
- 1 Tool kit arty mech
- 1 Tlr 3/4T
- 2 Trk 1 1/4T

AMMO SECTION

Personnel

- 1 E5 Sec Ch
- 1 E3 Ammo Handler
- 2 E3 Veh Driver

Equipment

- 6 Camouflage screen sys
- 3 Camouflage screen spt sys
- 2 Lchr gren 40mm
- 1 Tel set TA-312
- 1 Tlr 3/4T
- 2 Trk 1 1/4T

(6) HOWITZER SECTIONS

Personnel

- 6 E6 Sec Ch
- 6 E5 Gunner
- 6 E4 Asst Gunner
- 6 E4 Prime Mvr Driver
- 30 E3 Cannoneer

Equipment

- 6 Cable tel (1/4 mi)
- 36 Camouflage screen sys
- 36 Camouflage screen spt sys
- 6 Compass mag
- 6 Headset micro
- 6 Howitzer towed light 105mm
- 6 MG 7.62mm w/tripod
- 6 Radio set control gp GRA-39
- 6 Reeling mach RL-39
- 6 Tel set TA-312
- 6 Trk 1 1/4T

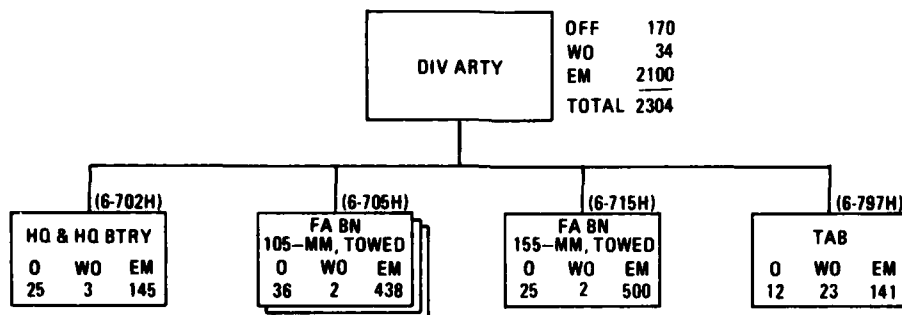
TOE 6-307H
TARGET ACQUISITION BATTERY,
INFANTRY/ARMORED/MECHANIZED/AIRBORNE DIVISION
(SEE CHAPTER 2)

CHAPTER 5

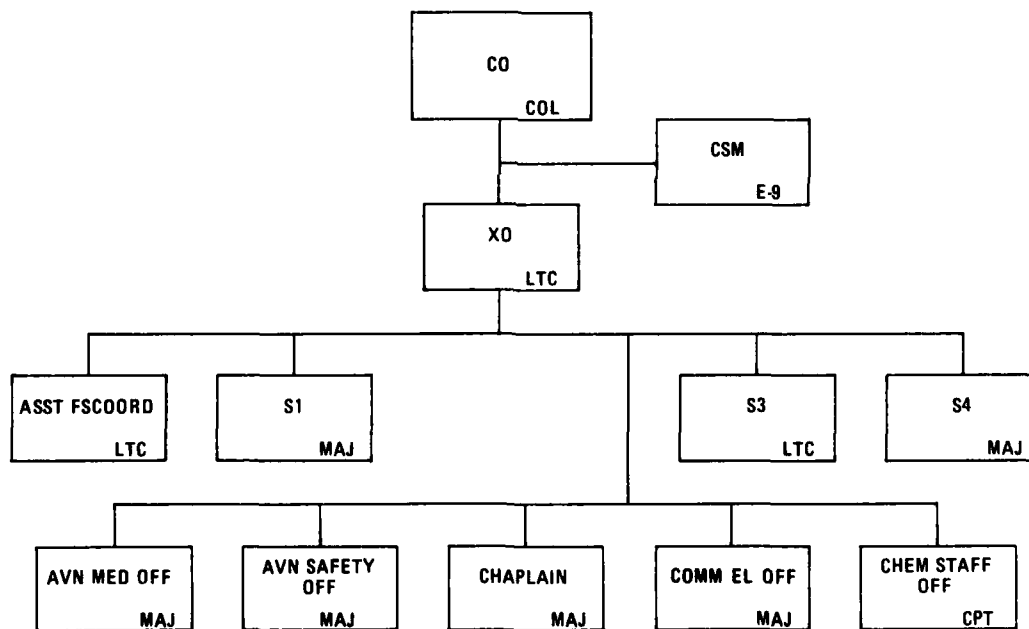
FIELD ARTILLERY ORGANIC TO AIRMOBILE (AIR ASSAULT) ELEMENTS*

TOE 6-700H

AIRMOBILE (AIR ASSAULT) DIVISION ARTILLERY

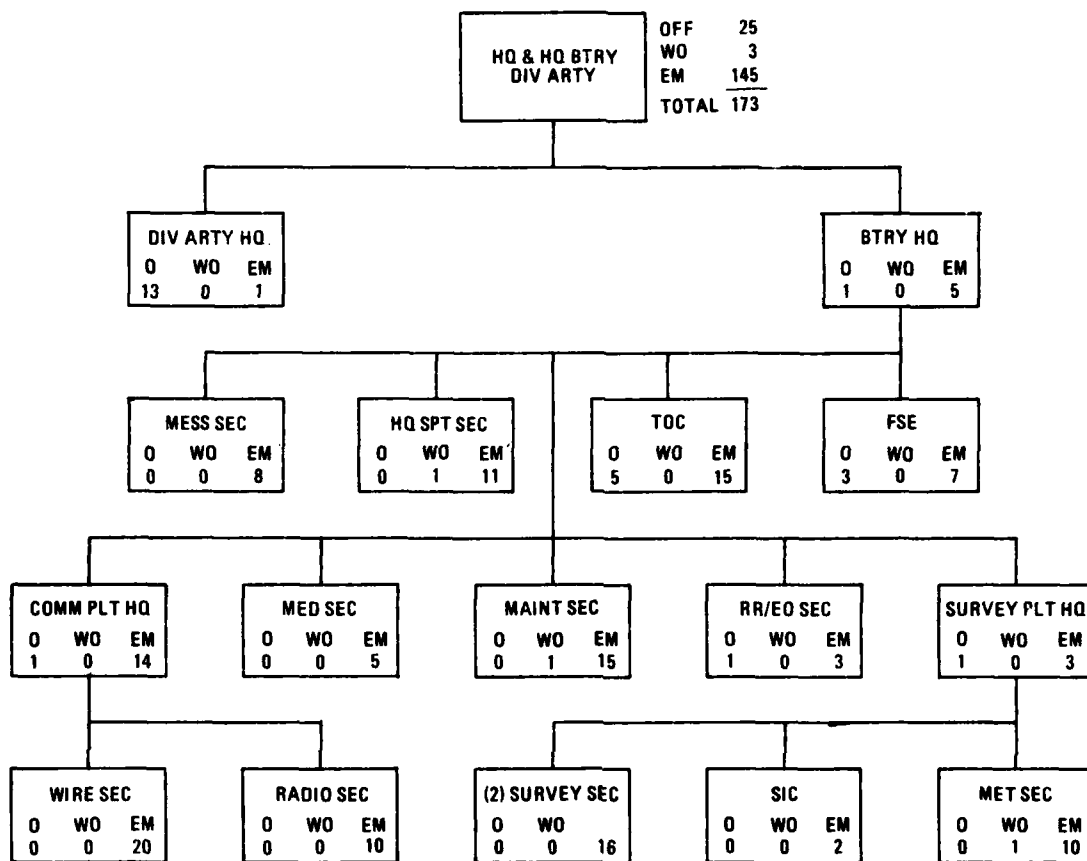


STAFF (TOE 6-701H)



*Throughout this chapter Airmobile and Air Assault are synonymous.

TOE 6-701H
HEADQUARTERS AND HEADQUARTERS BATTERY, AIRMOBILE DIVISION ARTILLERY



MISSION: To direct and coordinate operations of the airmobile division artillery and attached units and to provide personnel and equipment with which the division artillery commander can control the operation of the division artillery and attached units.

TOE 6-701H

DIV ARTY HQ

Personnel

1 06 Div Arty Cmdr
1 05 XO
1 05 AFSCoord
1 05 S3
1 04 Asst S3 Plans
1 04 Avn Med Off
1 04 Avn Safety Off
1 04 Chaplain
1 04 Commel Off
1 04 S1
1 04 S4
1 03 Chaplain
1 03 CML Stf Off
1 E9 CSM

Equipment

11 Bayonet
1 Mask prot acft
13 Mask CBR
9 Pistol cal 45
1 Revolver 38 cal
2 Rifle 5.56mm

BTRY HQ

Personnel

1 03 BC
1 E8 1st Sgt
1 E6 Supply Sgt
1 E5 Unit Clk
1 E4 Armorer
1 E3 Gen Supplyman

Equipment

1 Alarm CML
4 Alarm set anti intrusion
1 Antenna RC-292
2 Bag cargo A-22
6 Bayonet
1 Cabinet tool/sp parts 35½H
2 Cable tel (¼ mi)
5 Camouflage screen sys
5 Camouflage screen spt sys
3 Charger radiac detector
1 Instal kit MK 1234
1 Light set marker emer
1 MG 7.62mm w/tripod
6 Mask CBR
4 Night vision sight PVS-4
1 Pistol cal 45
6 Radiacmeter IM-93
1 Radiacmeter IM-174
1 Radio set GRC-160
1 Radio set control gp GRA-39
1 Reeling mach RL-39
5 Rifle 5.56mm
4 Sling mult leg
1 Tool kit carpenter
1 Tool kit sml arms
1 Tlr ¼T

1 Trk 1¼T
1 Trk ¼T
29 Watch wrist

HQ SUPPORT SECTION

Personnel

1 WO Food Svc Tech
1 E8 Food Svc Supv
1 E7 Career Counselor
1 E7 Pers Stf NCO
1 E5 Legal Clk
1 E5 Sr Chapel Act Sp
1 E5 Journalist
1 E4 Chapel Act Sp
2 E4 Clk Typist
2 E3 Radio Opr

Equipment

2 Bag cargo A-22
12 Bayonet
2 Binocular
19 Camouflage screen sys
19 Camouflage screen spt sys
2 Chest hymn book
2 Compass mag
1 Instal kit mK 1246
1 Instal kit MK 1306
1 Instal kit MK 1554
1 Instal kit MK 1663
2 Fixture lighting
12 Mask CBR
2 Pwr sup assy veh
1 Radio set VRC-46
1 Radio set VRC-47
12 Rifle 5.56mm
2 Speech sec equip KY-38
2 Tlr ¼T
1 Trk 1¼T
2 Trk ¼T

TOC

Personnel

2 04 Opns Duty Off
1 03 CF Duty Off
1 03 Intel Off (BICC)
1 Lt Asst CML Off
1 E9 Ops Sgt
1 E8 Intel Sgt
1 E8 Asst Ops Sgt
1 E7 Ch FD Comp
1 E7 NBC Opns/Staff NCO
1 E6 Sr Intel Analyst (BICC)
1 E5 Sr Chron Opr
2 E5 Intel Analyst (BICC)
2 E4 Clk Typist
1 E4 Chron Opr
3 E4 Ops Sp

Equipment

1 Alarm CML
1 Antenna AT-984
5 Antenna RC-292
2 Bag cargo A-22

20 Bayonet
6 Cable tel (¼ mi)
9 Camouflage screen sys
9 Camouflage screen spt sys
1 Drafting equip set
1 Duplicating mach stencil
2 FD set arty
1 Generator 0.5kw
2 Generator 1.5kw
2 Generator 3kw
3 Instal kit MK 1234
2 Instal kit MK 1246
1 Instal kit MK 1306
3 Instal kit MK 1552
1 Instal kit MK 1554
2 Instal kit MK 1663
1 Lchr gren 40mm
2 Fixture lighting
2 Light set gen illum
1 MG 7.62mm w/tripod
20 Mask CBR
2 Plotting set arty fire control
6 Pwr sup assy veh
1 Protractor fan
1 Radar chron set
5 Radio set VRC-46
1 Radio set VRC-47
6 Radio set control gp GRA-39
3 Reeling mach RL-39
1 Reproduction set diazo
1 Reprod expend sup set
20 Rifle 5.56mm
5 Speech sec equip KY-38
2 Tlr ¼T
1 Trk 1¼T
2 Trk ¼T

FSE

Personnel

1 04 AFSCoord
1 04 FA Intel Off
1 03 Tgt Analyst
1 E8 Intel Sgt
1 E8 Ops Sgt
1 E7 Ch FD Comp
1 E6 Asst Ch FD Comp
1 E4 Clk Typist
1 E4 Ops Sp
1 E3 Radio Opr

Equipment

1 Antenna AT-984
1 Antenna RC-292
1 Bag cargo A-22
10 Bayonet
2 Cable tel (¼ mi)
4 Camouflage screen sys
4 Camouflage screen spt sys
1 Drafting set bn charts
1 FD set arty
1 Generator 1.5kw
1 Generator 3kw
2 Headset microphone
1 Instal kit MK 1306

- 1 Instal kit MK 1554
- 2 Fixture lighting
- 10 Mask CBR
- 2 Pistol cal 45
- 1 Plotting set arty fire control
- 1 Pwr sup assy veh
- 1 Protractor fan
- 1 Radio set VRC-47
- 1 Radio set control gp GRA-39
- 1 Reeling mach RL-39
- 1 Reproduction exp sup set
- 1 Reproduction set diazo
- 8 Rifle 5.56mm
- 1 Speech sec equip KY-38
- 2 Tlr 1/4T
- 2 Trk 1/4T

SURVEY PLAT HQ

Personnel

- 1 O3 Plat Cmdr
- 1 E7 Plt Sgt
- 1 E4 Sr Topo Instr Repairman
- 1 E3 Lt Veh Driver

Equipment

- 4 Bayonet
- 2 Binocular
- 2 Cable tel (1/4 mi)
- 1 Camouflage screen sys
- 1 Camouflage screen spt sys
- 1 Cmd console elec
- 2 Compass mag
- 1 Instal kit MK 1234
- 4 Mask Prot fld
- 2 Radiacmeter IM-93
- 1 Radiacmeter IM-174
- 1 Radio set VRC-46
- 1 Radio set control gp GRA-39
- 1 Reeling mach RL-39
- 1 Repair kit surveying instr
- 4 Rifle 5.56mm
- 1 Tlr 1/4T
- 1 Trk 1/4T

SIC

Personnel

- 2 E5 Survey Comp

Equipment

- 1 Bag cargo A-22
- 2 Bayonet
- 2 Camouflage screen sys
- 2 Camouflage screen spt sys
- 1 Comp gun dir
- 2 Generator 3kw
- 1 Fixture lighting
- 2 Mask CBR
- 1 Plotting set arty
- 1 Radio set PRC-77
- 1 Reproducer sig data
- 2 Rifle 5.56mm
- 1 TT set TT-537
- 1 Watch wrist

2 SURVEY SECTIONS

Personnel

- 2 E6 Sec Ch
- 2 E5 Survey Comp
- 6 E4 Instr Opr
- 4 E4 Survey Recorder
- 2 E4 Survey Comp/recorder

Equipment

- 2 Aiming circle
- 2 Bag cargo A-22
- 16 Bayonet
- 4 Binocular
- mi)
- 4 Camouflage screen sys
- 4 Camouflage screen spt sys
- 4 Compass mag
- 1 Instal kit MK 1234
- 1 Instal kit Mi 1246
- 2 MG 7.62mm w/tripod
- 16 Mask CBR
- 2 Radio set PRC-77
- 4 Radio set GRC-160
- 16 Rifle 5.56mm
- 2 Surveying instr az gyro
- 6 Surveying instr DME
- 2 Surveying set 4th Order
- 6 Theodolite survey
- 2 Tlr 1/4T
- 1 Trk 1/4T
- 2 Trk 1/4T

MET SECTION

Personnel

- 1 WO Met Tech
- 1 E7 Met Sec Ch
- 1 E6 FA Met Crewman
- 2 E5 FA Met Crewman
- 3 E5 FA Met Crewman
- 3 E3 FA Met Crewman

Equipment

- 1 Antenna RC-292
- 1 Barometer aneroid
- 11 Bayonet
- 1 Binocular
- 1 Cable tel (1/4 mi)
- 1 Calibrator
- 10 Camouflage screen sys
- 10 Camouflage screen spt sys
- 1 Compass mag
- 1 Instal kit MK 1246
- 1 MG 7.62mm w/tripod
- 11 Mask CBR
- 1 Met sta manual
- 1 Multimeter
- 1 Radio set VRC-46
- 1 Radio set cont gp GRA-39
- 1 Radiosonde
- 1 Rawin set
- 1 Recording set weather
- 1 Reeling mach RL-39
- 11 Rifle 5.56mm

- 1 Tel set TA-312
- 1 Test set elec tube
- 1 Tool kit elec equip
- 3 Trk 1/4T
- 1 Gen set 5kw

COMM PLAT HQ

Personnel

- 1 Lt Plat Ldr
- 1 E8 TAC Comm Ch
- 2 E5 Crypto Mat NCO
- 1 E4 TAC Comm Sys Op/Mech
- 2 E4 Telecom Cen Opr
- 2 E4 TAC Wire Opns Sp
- 1 E4 RAD Opr
- 2 E3 TAC Wire Opns Sp
- 1 E4 Sp Elec Devices Rpr
- 1 E3 Telecom Cen Opr
- 1 E3 Rad Opr

Equipment

- 2 Antenna RC-292
- 2 Bag cargo A-22
- 15 Bayonet
- 4 Cable tel (1/4 mi)
- 3 Camouflage screen sys
- 3 Camouflage screen spt sys
- 3 Code changer key KYK-28
- 1 Detecting set mine
- 1 Detecting set mine PSS-11
- 1 Elec TT sec equip KW-7
- 2 Generator 1.5kw (120V)
- 1 Generator 1.5kw (28V)
- 1 Instal kit MK 1224
- 1 Instal kit MK 1552
- 1 Instal kit MK 1646
- 1 Inverter vibrator
- 1 Lchr gren 40mm
- 1 MG 7.62mm w/tripod
- 15 Mask CBR
- 1 Mulimeter
- 1 Pwr sup assy veh
- 2 Radiacmeter IM-93
- 1 Radiacmeter IM-174
- 1 Radio VRC-49
- 2 Radio set control gp GRA-39
- 2 Reeling mach RL-39
- 15 Rifle 5.56mm
- 1 Speech sec equip KY-38
- 1 Tac digital regen repeater
- 1 TT set GGC-3
- 1 TT set PGC-1
- 1 Terminal TT TCC-29
- 1 Test btry
- 1 Test set comp logic
- 1 Test set elec tube
- 1 Test set radio
- 1 Test set radio freq
- 1 Tool kit elec equip
- 1 Tool kit prec instr
- 1 Tlr 1/4T
- 1 Trk 1/4T

WIRE SECTION

Personnel

- 1 E6 TAC Comm Ch
- 4 E5 TAC Wire Opns Tm Ch
- 5 E4 Sr Tac Wire Ops Sp
- 10 E4 Tac Wire Ops Spec

Equipment

- 2 Axle reel RL-27
- 2 Bag cargo A-22
- 20 Bayonet
- 30 Cable tel RL-159 (1 mi)
- 40 Cable tel 2 cond fld wire
- 4 Camouflage screen sys
- 4 Camouflage screen spt sys
- 4 MG 7.62mm w/tripod
- 20 Mask CBR
- 3 Reeling mach cable RL-31
- 20 Rifle 5.56mm
- 4 Splicing kit tel
- 2 Switchboard SB-22
- 39 Tel set TA-312
- 4 Trk 1 1/4T

RADIO SECTION

Personnel

- 1 E6 RATT Opns Supv
- 2 E5 RATT Opns Tm Ch
- 2 E4 RATT Opr
- 1 E4 Radio Opr
- 1 E3 RATT Opr
- 1 E5 Ch Radio Op/Supv
- 1 E3 Radio Opr

Equipment

- 1 Bag cargo A-22
- 10 Bayonet
- 3 Cable tel (1/4 mi)
- 3 Camouflage screen sys
- 3 Camouflage screen spt sys
- 2 Elec TT sec equip KW-7
- 3 Generator 3kw
- 1 Instal kit MK 1373
- 1 MG 7.62mm w/tripod
- 10 Mask CBR
- 1 Radio set GRC-106
- 2 RATT VSC-2
- 3 Rec/Trans control gp
- 2 Reeling mach RL-39
- 10 Rifle 5.56mm
- 3 Tlr 1/4T
- 3 Trk 1/4T

MESS SECTION

Personnel

- 1 E7 Food Svc Sgt
- 1 E6 1st Cook
- 1 E5 Cook
- 2 E4 Cook
- 3 E3 Cook

Equipment

- 1 Accy outfit fld range
- 8 Bayonet
- 6 Camouflage screen sys
- 6 Camouflage screen spt sys
- 17 Heater immersion
- 6 Mask CBR
- 5 Range fld
- 8 Rifle 5.56mm
- 1 Tlr tk wtr
- 1 Trk 2 1/2T

MAINTENANCE SECTION

Personnel

- 1 WO Auto Maint Tech
- 1 E6 Motor Sgt
- 1 E4 Equip Maint Clk
- 3 E5 Pwr Gen & W Veh Mech
- 1 E4 PLL Clk
- 5 E4 Pwr Gen & W Veh Mech
- 4 E3 Pwr Gen & W Veh Mech

Equipment

- 1 Bag cargo A-22
- 16 Bayonet
- 1 Cabinet tool/sp parts w/drwr
- 1 Cabinet tool/sp parts 3 shelves
- 5 Camouflage screen sys
- 5 Camouflage screen spt sys
- 1 Compressor
- 1 Generator 1.5kw
- 1 Generator 3kw
- 16 Mask CBR
- 1 Charger btry
- 16 Rifle 5.56mm
- 1 Shop equip auto maint common
- 1 Shop equip auto maint supply
- 12 Tool kit mech
- 1 Trk 1 1/4T

MEDICAL SECTION

Personnel

- 1 E6 Sec Sgt
- 1 E6 Prac Nurse
- 1 E5 Medical Aide
- 1 E4 Btry Aidman
- 1 E4 Medical Aide

Equipment

- 1 Bag cargo A-22
- 2 Camouflage screen sys
- 2 Camouflage screen spt sys
- 1 Gen st 1.5kw
- 10 Mask head wound
- 5 Mask CBR
- 1 Medical equip set Bn Aid Sta
- 1 Medical equip set physical exam
- 2 Pistol cal 45
- 1 Radiac set
- 3 Rifle 5.56mm

- 1 Surgical instr/sup set
- 2 Surgical instr/sup set individual
- 2 Fixture lighting

RR/EO SECTION

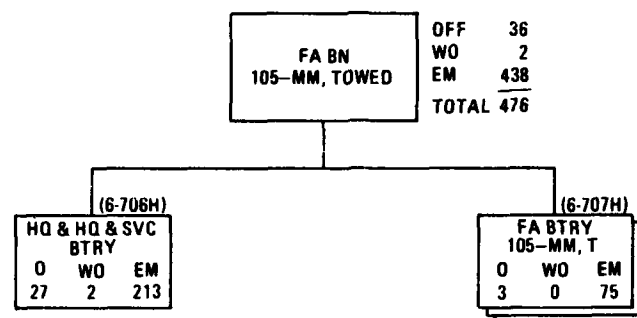
Personnel

- 1 O3 RR/EO Off
- 1 E6 EO NCO
- 1 E5 EO NCO
- 1 E4 Clk Typist

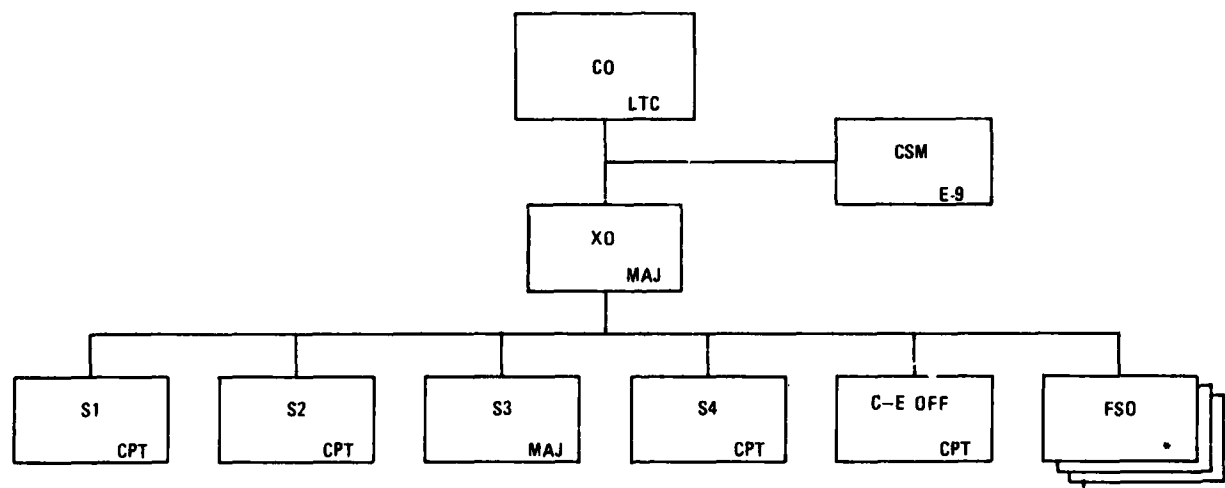
Equipment

- 4 Bayonet
- 4 Mask CBR
- 4 Rifle 5.56mm

TOE 6-705H
FIELD ARTILLERY BATTALION, 105-MM, TOWED, AIRMOBILE DIVISION



STAFF(TOE 6-706H)



*1 MAJ; 3 CPTs

TOE 6-705H

MISSION: To provide field artillery fires in direct support of a maneuver brigade and to reinforce the fires of other field artillery units.

SUMMARY — MAJOR ITEMS OF EQUIPMENT

TRANSPORTATION

| | |
|--|----|
| Trailer, cargo, 1/4-ton | 30 |
| Trailer, cargo, 3/4-ton | 2 |
| Trailer, cargo, 1 1/2-ton | 1 |
| Trailer, ammo, 1 1/2-ton | 2 |
| Trailer, tank, water, 400 gal, 1 1/2-ton | 1 |
| Truck, cargo, 1 1/4-ton, 6 x 6 | 33 |
| Truck, cargo, 2 1/2-ton, 6 x 6 | 4 |
| Truck, platform, utility, 1/2-ton, 4 x 4 | 3 |
| Truck, utility, 1/4-ton, 4 x 4 | 30 |

MATERIEL

| | |
|---------------------------------|-----|
| Howitzer, towed, 105-mm, (M102) | 18 |
| Launcher, grenade, 40-mm | 31 |
| Machinegun, 7.62-mm | 22 |
| Pistol, cal 45 | 18 |
| Rifle, 5.56-mm | 453 |

COMMUNICATIONS

| | |
|-------------------------------------|-----|
| Antenna, AT-984/G | 20 |
| Antenna, RC-292 | 30 |
| Axle, cable, reel, RL-27 | 7 |
| Cable, tel, WD-1/TT, DR-8, 1/4 mi | 237 |
| Cable, tel, WD-1/TT, RL-159/U, 1 mi | 26 |
| Cable, tel, WD-1/TT, 2 cond | 52 |
| Code changer key KYK-28/TSEC | 2 |
| Elec TT sec equip TSEC/KW-7 | 1 |
| Headset, microphone | 31 |
| Inverter vibrator | 1 |
| Radio set AN/GRC-160 | 10 |
| Radio set AN/PRC-74 | 4 |
| Radio set AN/PRC-77 | 54 |
| Radio set AN/VRC-46 | 12 |
| Radio set AN/VRC-47 | 16 |

| | |
|--|-----|
| Radio set AN/VRC-48 | 1 |
| Radio set AN/VRC-49 | 5 |
| Radio set control gp AN/GRA-39 | 46 |
| Radio TT set AN/VSC-2 | 1 |
| Radio set control gp GRA-39 (C-2328) | 18 |
| Receiver/transmitter control gp AN/GRA-6 | 1 |
| Reeling machine, cable, hand, RL-31 | 7 |
| Reeling machine, cable, hand, RL-39 | 111 |
| Reproducer, sig data | 1 |
| Speech security equip TSEC/KY-38 | 30 |
| Switchboard, tel, man, SB-22/PT | 5 |
| Switchboard, tel, man, SB-993/GT | 16 |
| Tac digital regen repeater | 5 |
| Tel, conn/switching gp MX-155/GT | 3 |
| Telephone set TA-1/PT | 12 |
| Telephone set TA-312/PT | 167 |

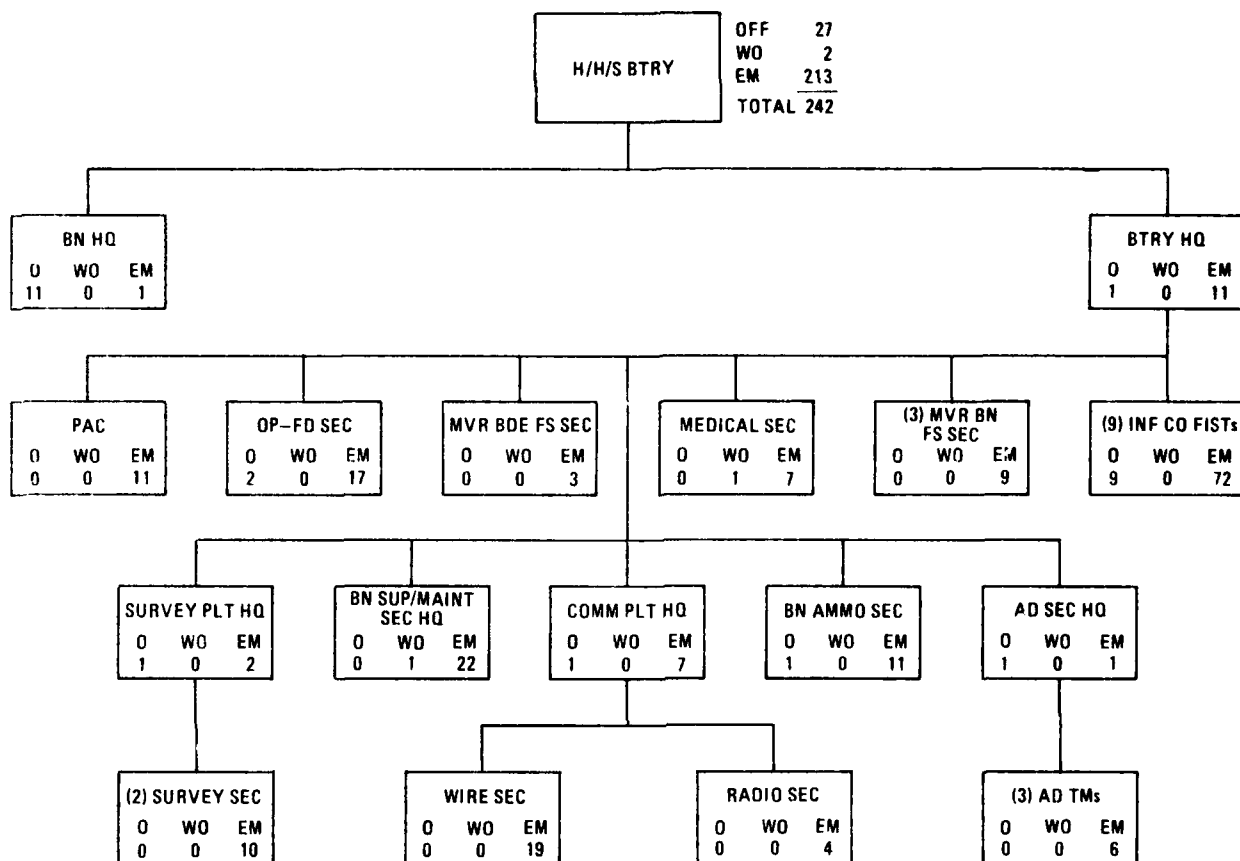
GUNNERY

| | |
|---|----|
| Aiming circle | 11 |
| Computer, gun direction | 4 |
| FD set, arty, 15,000 meter max rg | 8 |
| Plotting board, ind fire, arty/inf, in meters | 12 |
| Plotting set, arty, fire control | 6 |
| Range finder, fire control | 18 |

TARGET ACQUISITION

| | |
|---|---|
| Surv inst, DME | 2 |
| Surv inst, az gyro | 2 |
| Surv set, arty, fire control, 4th order | 2 |
| Theodolite survey | 2 |

TOE 6-706H
HEADQUARTERS, HEADQUARTERS AND SERVICE BATTERY,
FIELD ARTILLERY BATTALION, 105-MM TOWED



TOE 6-706H

MISSION: a. To direct and coordinate operations of the battalion.

b. To provide the personnel, equipment, and installations to support the battalion command and control functions.

c. To provide supply support for units of the battalion, to maintain appropriate supply records, and to perform organizational maintenance not otherwise accomplished within the battalion.

BN HQ

Personnel

1 05 Bn Cmdr
1 04 XO
1 04 S3
1 04 FSO
1 03 Commel Off
3 03 FSO
1 03 S1
1 03 S2
1 03 S4
1 E9 CSM

Equipment

12 Bayonet
12 Mask CBR
7 Pistol cal 45
5 Rifle 5.56mm

BTRY HQ

Personnel

1 03 BC
1 E8 1st Sgt
1 E7 Food Svc Sgt
1 E6 Supply Sgt
1 E6 1st Cook
1 E5 Cook
2 E4 Cook
1 E4 Armorer
1 E3 Cook
2 E3 Lt Veh Driver

Equipment

1 Accy kit fld range
1 Alarm CML
4 Bag cargo A-22
12 Bayonet
10 Camouflage screen sys
10 Camouflage screen spt sys
3 Charger btry
2 Charger radiac det
13 Heater immersion
1 Instal kit MK 1234
1 Lchr gren 40mm
1 Light set
1 MG 7.62mm w/tripod
12 Mask CBR
5 Night vision goggles
3 Night vision sight PVS-4
1 Pistol cal 45
2 Radiacmeter IM-93
1 Radiacmeter IM-174
1 Radio set GRC-160
4 Range outfit fld
11 Rifle 5.56mm

2 Sling cargo net
3 Tel set TA-312
1 Tool kit carpenters
1 Tool kit sml arms
1 Tlr 1/4T
1 Trk 1/4T
12 Watch wrist

PAC

Personnel

1 E7 PAC Supv
1 E6 Reenlist NCO
1 E6 Pers Stf NCO
1 E5 PAC Clk
1 E5 Legal Clk
1 E4 Clk Typist
1 E4 PAC Clk
2 E3 Lt Veh Driver
2 E3 PAC Clk

Equipment

1 Bag cargo A-22
11 Bayonet
2 Binocular
8 Camouflage screen sys
8 Camouflage screen spt sys
2 Compass mag
1 Duplicating mach stencil
1 Instal kit MK 1234
1 Instal kit MK 1306
1 Instal kit MK 1554
11 Mask CBR
1 Pwr sup assy veh
1 Radio set VRC-46
1 Radio set VRC-47
11 Rifle 5.56mm
1 Sling cargo net
1 Speech sec equip KY-38
2 Tel set TA-312
2 Tlr 1/4T
2 Trk 1/4T

OPS-FD SECTION

Personnel

1 03 Asst S3
1 Lt Intel Off (BICC)
1 E8 Ops Sgt
1 E7 Ch Fd Comp
1 E6 Asst Ch FD Comp
1 E5 Intel Analyst (BICC)
6 E5 FD Comp
3 E4 Chart Opr
1 E4 Clk Typist

1 E4 Ops Spec
1 E8 Intel Sgt
1 E6 NBC Opns/Stf NCO

Equipment

1 Alarm CML
1 Antenna AT-984
4 Antenna RC-292
2 Bag cargo A-22
19 Bayonet
2 Binocular
6 Cable tel DR-8 (1/4 mi)
11 Camouflage screen sys
11 Camouflage screen spt sys
1 Code changer key KYK-28
2 Compass mag
1 Computer gun dir
2 FD set arty
3 Generator 1.5kw
1 Generator 3kw (60 Hz)
2 Generator 3kw (400 Hz)
4 Headset microphone
6 Instal kit MK 1234
3 Instal kit MK 1552
1 Lchr gren 40mm
2 Light set gen illum
1 MG 7.62mm w/tripod
19 Mask CBR
3 Plotting bd indir fire
2 Plotting set arty fire control
3 Pwr sup assy veh
6 Radio set VRC-46
5 Radio set control gp GRA-39
5 Reeling mach RL-39
19 Rifle 5.56mm
1 Sling cargo net
3 Speech sec equip KY-38
8 Tel set TA-312
3 Tlr 1/4T
3 Trk 1/4T

SURVEY PLAT HQ

Personnel

1 Lt Plat Cmdr
1 E7 Ch Surveyor
1 E3 Lt Veh Driver

Equipment

1 Antenna RC-292
3 Bayonet
1 Binocular
1 Camouflage screen sys
1 Camouflage screen spt sys
1 Charger btry

- 1 Compass mag
- 1 Instal kit MK 1234
- 3 Mask CBR
- 1 Radio set VRC-46
- 3 Rifle 5.56mm
- 1 Tlr 1/4T
- 1 Trk 1/4T

2 SURVEY SECTIONS

Personnel

- 2 E6 Ch of Party
- 2 E5 Survey Comp
- 2 E4 Instr Opr
- 2 E4 Survey Comp/Recorder
- 2 E3 Rodman/Tapeman

Equipment

- 2 Aiming circle
- 1 Bag cargo A-22
- 10 Bayonet
- 4 Binocular
- 1 Camouflage screen sys
- 1 Camouflage screen spt sys
- 4 Compass mag
- 1 Charger btry
- 2 Launcher gren 40mm
- 10 Mask CBR
- 1 Night vision sight TVS-4
- 2 Periscope BC
- 4 Radio set PRC-77
- 10 Rifle 5.56mm
- 2 Surveying instr az gyro
- 2 Surveying set 4th order
- 2 Surveying inst DME
- 2 Theodolite
- 1 Tlr 1/4T
- 1 Trk 1/4T

COMM PLAT HQ

Personnel

- 1 Lt Plat Ldr
- 1 E7 Tac Comm Ch
- 1 E5 Tac Comm Sys Supvr
- 1 E4 Tac Wire Opns Sp
- 2 E3 Tac Comm Sys Op/Mech
- 1 E3 Tac Wire Opns Sp
- 1 E3 Veh Driver

Equipment

- 2 Antenna RC-292
- 2 Bag cargo A-22
- 8 Bayonet
- 1 Binocular
- 1 Cable tel DR-8 (1/4 mi)
- 4 Camouflage screen sys
- 4 Camouflage screen spt sys
- 1 Code changer key KYK-28
- 1 Compass mag
- 1 Detecting set mine
- 1 Detecting set mine PSS-11
- 1 Generator 1.5kw
- 1 Instal kit MK 1234
- 1 Instal kit MK 1552

- 1 Instal kit MK 1646
- 1 Inverter vibrator
- 1 Lchr gren 40mm
- 8 Mask CBR
- 1 Multimeter
- 1 Pwr sup assy veh
- 2 Radiacmeter IM-93
- 1 Radiacmeter IM-174
- 1 Radio set VRC-49
- 1 Radio set control gp GRA-39
- 1 Reeling mach RL-39
- 1 Reproducer sig data
- 8 Rifle 5.56mm
- 1 Sling cargo net
- 1 Speech sec equip KY-38
- 1 Tac digital regen rprr
- 2 Tel set TA-312
- 1 Test btry
- 1 Test set comp logic
- 1 Test set elec tube
- 1 Test set radio
- 1 Test set radio freq
- 5 Tool kit elec equip
- 1 Tlr 1/4T
- 1 Trk 1/4T

WIRE SECTION

Personnel

- 1 E6 Sec Ch
- 5 E4 Tac Wire Ops Sp
- 9 E3 Tac Wire Ops Sp
- 4 E5 Tac Wire Ops Tm Ch

Equipment

- 4 Axle cable reel RL-27
- 2 Bag cargo A-22
- 19 Bayonet
- 2 Cable tel RL-159
- 40 Cable tel 2 cond fld wire
- 4 Lchr gren 40mm
- 19 Mask CBR
- 4 Reeling mach RL-31
- 19 Rifle 5.56mm
- 4 Splicing kit
- 2 Switchboard SB-22
- 6 Tel set TA-1
- 20 Tel set TA-312

RADIO SECTION

Personnel

- 1 E5 RATT Ops Tm Ch
- 2 E4 RATT Opr
- 1 E3 RATT Opr

Equipment

- 4 Bayonet
- 2 Cable tel DR-8 (1/4 mi)
- 1 Camouflage screen sys
- 1 Camouflage screen spt sys
- 1 Elec TT sec equip KW-7
- 2 Generator 3kw
- 1 MG 7.62mm w/tripod
- 4 Mask CBR

- 1 Radio set PRC-74
- 1 RATT set VSC-2
- 1 Rec/Trans control gp
- 2 Reeling mach RL-39
- 4 Rifle 5.56mm
- 1 Tel set TA-312
- 1 Tlr 1/4T
- 1 Trk 1/4T

MVR BDE FS SECTION (AMBL)

Personnel

- 1 E7 FS Sgt
- 2 E4 FS Sp

Equipment

- 1 Antenna AT-984
- 1 Antenna RC-292
- 3 Bayonet
- 2 Binocular
- 4 Cable tel DR-8 (1/4 mi)
- 1 Camouflage screen sys
- 1 Camouflage screen spt sys
- 2 Compass mag
- 1 Generator 1.5kw
- 1 Instal kit MK 1224
- 1 Instal kit MK 1552
- 1 Instal kit MK 1646
- 1 Lchr gren 40mm
- 3 Mask CBR
- 1 Pwr sup assy veh
- 2 Radio set PRC-77
- 1 Radio set VRC-49
- 2 Radio set control gp GRA-39
- 2 Reeling mach RL-39
- 3 Rifle 5.56mm
- 1 Speech sec equip KY-38
- 1 Switchboard SB-993
- 1 Tac digital regen rprr
- 2 Tel set TA-312
- 1 Tlr 1/4T
- 1 Trk 1/4T

(3) MVR BN FS SECTIONS (AMBL)

Personnel

- 3 E7 FS Sgt
- 6 E4 FS Sp

Equipment

- 3 Antenna AT-984
- 3 Antenna RC-292
- 9 Bayonet
- 6 Binocular
- 12 Cable tel DR-8 (1/4 mi)
- 3 Camouflage screen sys
- 3 Camouflage screen spt sys
- 3 Charger btry
- 6 Compass mag
- 3 Generator 1.5kw
- 3 Instal kit MK 1224
- 1 Instal kit MK 1552
- 3 Instal kit MK 1646

- 3 Lchr gren 40mm
- 9 Mask CBR
- 3 Pwr sup assy veh
- 3 Radio set PRC-77
- 3 Radio set VRC-49
- 6 Radio set control gp GRA-39
- 6 Reeling mach RL-39
- 9 Rifle 5.56mm
- 3 Speech sec equip KY-38
- 3 Switchboard SB-993
- 3 Tac digital regen rpt
- 6 Tel set TA-312
- 3 Tlr ¼T
- 3 Trk ¼T

MEDICAL SECTION

Personnel

- 1 WO Physician's Asst
- 1 E6 Sec Sgt
- 1 E6 Prac Nurse
- 1 E5 Medical Aide
- 3 E4 Btry Aidman
- 1 E4 Medical Aide

Equipment

- 1 Bag cargo A-22
- 6 Camouflage screen sys
- 6 Camouflage screen spt sys
- 8 Mask CBR
- 1 Medical equip set Bn Aid Sta
- 4 Pistol cal 45
- 1 Radiac set
- 4 Rifle 5.56mm
- 1 Sling cargo net
- 6 Surgical instr/sup set
- 1 Tel set TA-312

BN SUP-MAINT SECTION

Personnel

- 1 WO Auto Maint Tech
- 1 E7 Supply Sgt
- 1 E6 Motor Sgt
- 1 E5 Gen Supplyman
- 1 E4 Equip Maint Clk
- 4 E5 Pwr Gen & W Veh Mech
- 5 E4 Pwr Gen & W Veh Mech
- 5 E3 Pwr Gen & W Veh Mech
- 1 E4 PLL Clk
- 2 E4 Gen Supplyman
- 1 E3 Gen Supplyman

Equipment

- 1 Antenna RC-292
- 2 Bag cargo A-22
- 23 Bayonet
- 1 Cabinet tool/sp parts 18 drwr
- 1 Cabinet tool/sp parts 3 shelves
- 1 Cabinet tool/sp parts 35½H
- 1 Cable tel DR-8 (¼ mi)
- 19 Camouflage screen sys
- 19 Camouflage screen spt sys
- 1 Compressor
- 1 Generator 1.5kw
- 1 Generator 3kw

- 1 Instal kit MK 1246
- 2 Fixture lighting
- 1 MG 7.62mm w/tripod
- 23 Mask CBR
- 1 Multimeter
- 1 Charger btry
- 1 Radio set VRC-46
- 1 Radio set control gp GRA-39
- 1 Reeling mach cable RL-39
- 23 Rifle 5.56mm
- 1 Tel set TA-312
- 1 Shop equip auto maint common
- 1 Shop equip auto maint suppl
- 14 Tool kit mech
- 2 Tlr ¾T
- 1 Tlr 1½T
- 1 Tlr tk wtr
- 2 Trk 1¼T
- 2 Trk 2½T

BN AMMO SECTION

Personnel

- 1 Lt Ammo Off
- 1 E7 Ammo Sgt
- 1 E5 Asst Ammo Sgt
- 1 E4 Ammo Agent
- 2 E4 Ammo Spec
- 6 E3 Ammo Handler

Equipment

- 12 Bayonet
- 18 Camouflage screen sys
- 18 Camouflage screen spt sys
- 12 Mask CBR
- 12 Rifle 5.56mm
- 12 Sling cargo net
- 2 Tlr ammo 1½T
- 9 Trk 1¼T
- 2 Trk 2½T

AD SECTION HQ

Personnel

- 1 Lt Sec Ldr
- 1 E6 Sec Sgt

Equipment

- 2 Bayonet
- 1 Cable tel DR-8 (¼ mi)
- 1 Camouflage screen sys
- 1 Camouflage screen spt sys
- 2 Code changer key KIK-18
- 1 Gen set 1.5kw
- 2 Interrogator set
- 1 Interrogator computer
- 1 Programer interrogator
- 1 Tng set GM sys
- 1 Display set tgt alert
- 1 Instal kit MK 1225
- 2 Mask CBR
- 1 Radio set VRC-48
- 1 Radio set control gp GRA-39
- 1 Reeling mach RL-39
- 2 Rifle 5.56mm

- 1 Tel set TA-312
- 1 Tlr ¼T
- 1 Trk ¼T

(3) AD TEAMS

Personnel

- 3 E5 Tin Ch
- 3 E4 Gunner

Equipment

- 6 Bayonet
- 6 Binocular
- 3 Cable tel DR-8
- 3 Display set tgt alert
- 3 Harness GM equip trans
- 6 Interrogator set
- 6 Mask CBR
- 3 Pistol cal 45
- 3 Radio set PRC-77
- 3 Reeling mach RL-39
- 3 Rifle 5.56mm
- 6 Tel set TA-1
- 3 Trainer handling GM lchr
- 6 Watch wrist

(9) INFANTRY COMPANY FISTS (AMBL)

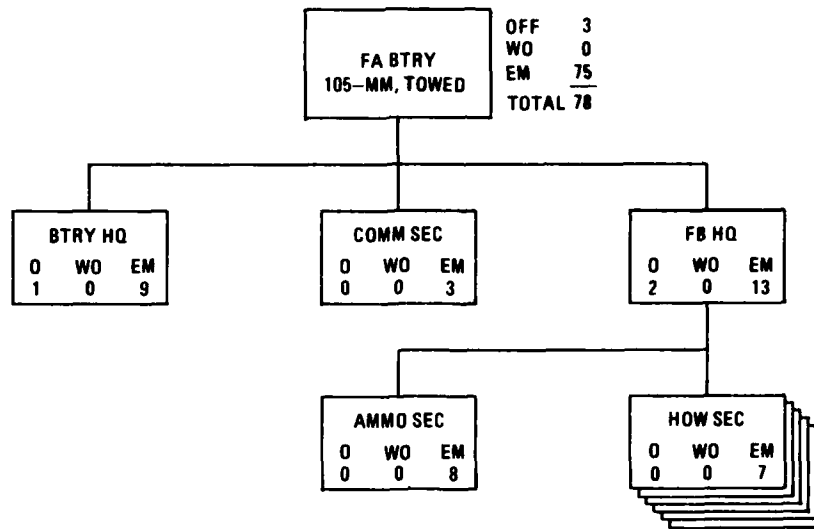
Personnel

- 9 Lt FIST Ch
- 9 E6 FS Sgt
- 27 E5 FO
- 9 E4 FS Sp
- 27 E3 RTO

Equipment

- 9 Antenna AT-984
- 9 Antenna RC-292
- 108 Bayonet
- 45 Binocular
- 18 Cable tel DR-8
- 9 Camouflage screen sys
- 9 Camouflage screen spt sys
- 45 Compass mag
- 9 Generator 1.5kw
- 9 Instal kit MK 1234
- 9 Instal kit MK 1306
- 9 Instal kit MK 1554
- 9 Lchr gren 40mm
- 81 Mask CBR
- 9 Night vision goggles
- 9 Night vision sight TVS-5
- 9 Pwr sup assy veh
- 9 Radio set GRC-160
- 36 Radio set PRC-77
- 9 Radio set VRC-47
- 18 Radio set control gp GRA-39
- 18 Range finder laser
- 54 Reeling mach RL-39
- 81 Rifle 5.56mm
- 9 Speech sec equip KY-38
- 9 Switchboard SB-993
- 45 Tel set TA-312
- 9 Tlr ¼T
- 9 Trk ¼T

TOE 6-707H
 FIELD ARTILLERY BATTERY, 105-MM, TOWED
 FIELD ARTILLERY BATTALION, AIRMOBILE (AIR ASSAULT) DIVISION



MISSION: To provide a firing component of the field artillery battalion to which the battery is assigned.

TOE 6-707H

BTRY HQ

Personnel

- 1 O3 BC
- 1 E8 1st Sgt
- 1 E6 Food Svc Sgt
- 1 E6 Supply Sgt
- 1 E5 NBC NCO
- 1 E5 1st Cook
- 1 E4 Armorer
- 1 E4 Cook
- 1 E3 Lt Veh Driver
- 1 E3 Cook

Equipment

- 1 Accy outfit fld range
- 1 Alarm CML
- 4 Bag cargo A-22
- 78 Bayonet
- 1 Binocular
- 2 Cable tel DR-8
- 8 Camouflage screen sys
- 8 Camouflage screen spt sys
- 2 Charger radiac detector
- 1 Code changer key KYK-38
- 1 Compass mag
- 1 Gen set 1.5kw AC
- 1 Gen set 1.5kw DC
- 4 Heater immersion
- 1 Instal kit MK 1306
- 1 Instal kit MK 1554
- 1 Lchr gren 40mm
- 1 Lt set gen illum
- 1 Light set marker
- 1 MG 7.62mm w/tripod
- 78 Mask CBR
- 3 Night vision sight PVS-4
- 1 Pistol cal 45
- 1 Pwr sup assy veh
- 1 Pwr sup btry
- 1 Radiac set
- 2 Radiacmeter IM-93
- 1 Radiacmeter IM-174
- 1 Radio set PRC-77
- 1 Radio set VRC-47
- 2 Range outfit
- 2 Reeling mach RL-39
- 77 Rifle 5.56mm
- 2 Sling cargo net
- 1 Speech sec equip
- 1 Tel set TA-312
- 1 Tool kit carpenters
- 1 Tool kit sml arms
- 1 Tlr 1/4T
- 1 Trk 1/2T
- 1 Trk 1/4T
- 6 Watch wrist

COMM SECTION

Personnel

- 1 E6 Comm Ch
- 1 E4 Tac Wire Ops Sp
- 1 E3 Tac Wire Ops Sp

Equipment

- 1 Axle cable reel RL-27
- 1 Bag cargo A-22
- 1 Cabinet tool/sp parts
- 20 Cable tel DR-8
- 2 Cable tel RL-159
- 4 Cable tel 2 cond fld wire
- 1 Detecting set mine
- 1 Detecting set mine PSS-11
- 1 Lchr gren 40mm
- 1 MG 7.62mm w/tripod
- 1 Radio set PRC-74
- 1 Reeling mach RL-31
- 1 Reeling mach RL-39
- 1 Splicing kit cable
- 1 Switchboard SB-22
- 5 Tel set TA-312

FB HQ

Personnel

- 1 Lt XO
- 1 Lt FDO
- 1 E7 Ch of FB
- 1 E7 Gunnery Sgt
- 1 E6 Ch FD Comp
- 2 E5 FD Comp
- 2 E4 Chart Opr
- 1 E4 FA Wpns Mech
- 2 E4 FADAC Opr
- 1 E4 Pwr Gen & Veh Mech

Equipment

- 3 Aiming circle
- 1 Alarm CML
- 2 Antenna AT-984
- 3 Antenna RC-292
- 2 Bag cargo A-22
- 1 Binocular
- 4 Cable tel DR-8
- 5 Camouflage screen sys
- 5 Camouflage screen spt sys
- 1 Compass mag
- 1 Computer gun dir
- 2 FD set arty
- 1 Generator 1.5kw
- 2 Generator 3kw
- 2 Headset microphone
- 1 Instal kit MK 1246
- 1 Instal kit MK 1253
- 2 Instal kit MK 1663
- 1 Lchr gren 40mm
- 1 Light set

- 3 MG 7.62mm w/tripod
- 1 Multimeter
- 3 Plotting bd indir fire
- 2 Plotting set arty fire control
- 2 Pwr sup assy veh
- 2 Radiacmeter IM-93
- 1 Radiacmeter IM-174
- 1 Radio set VRC-46
- 1 Radio set PRC-77
- 2 Radio set control gp GRA-39
- 2 Reeling mach RL-39
- 1 Purging kit
- 4 Radio set control gp GRA-39
- 1 Reeling mach RL-39
- 1 Speech sec equip KY-38
- 6 Tel st TA-312
- 1 Tel comm/switch gp
- 1 Tool kit arty mech
- 1 Tool kit mech
- 1 Tlr 1/4T
- 1 Trk 1/4T
- 1 Trk 1/4T

(6) HOWITZER SECTIONS

Personnel

- 6 E6 Sec Ch
- 6 E5 Gunner
- 6 E4 Gunner's Asst
- 18 E3 Cannoneer
- 6 E4 PM Driver

Equipment

- 6 Bag cargo A-22
- 6 Cable tel DR-8
- 18 Camouflage screen sys
- 18 Camouflage screen spt sys
- 6 Compass mag
- 6 Headset microphone
- 6 Howitzer light towed 105mm
- 6 Night vision goggles
- 6 Radio set control gp GRA-39
- 6 Reeling mach RL-39
- 12 Tel set TA-312
- 6 Trk 1/4T

AMMO SECTION

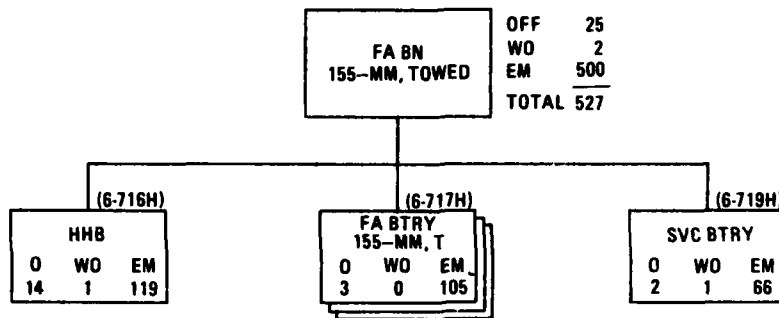
Personnel

- 1 E5 Sec Ch
- 3 E4 Ammo Sp
- 4 E3 Ammo Handler

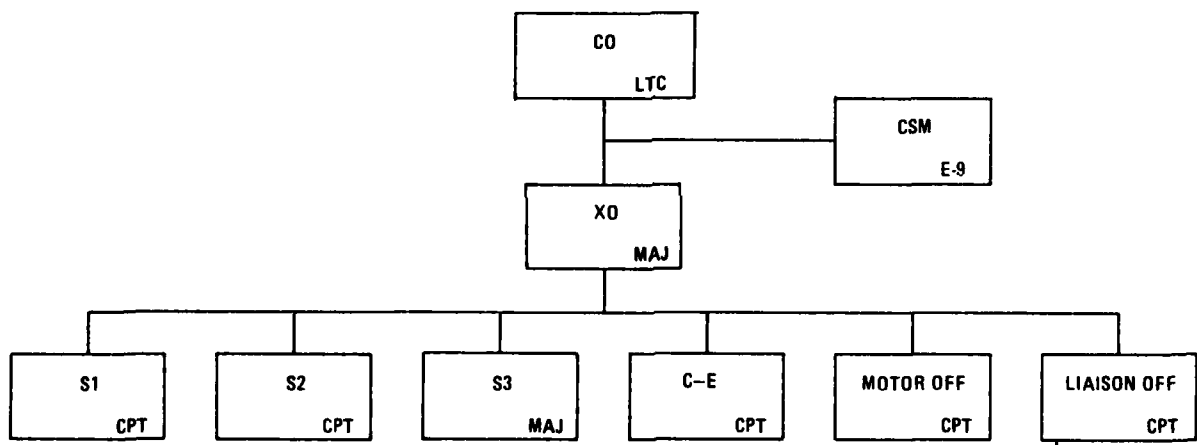
Equipment

- 1 Cable tel
- 1 MG 7.62mm w/tripod
- 1 Reeling mach RL-39
- 1 Tel set TA-312

TOE 6-715H
FIELD ARTILLERY BATTALION 155-MM, TOWED,
AIRMOBILE (AIR ASSAULT) DIVISION



STAFF (TOE 6-716H)



TOE 6-715H

MISSION: To provide field artillery fires, to include nuclear fires, in general support of an airmobile division and to reinforce the fires of other field artillery units.

SUMMARY — MAJOR ITEMS OF EQUIPMENT**TRANSPORTATION**

| | |
|--|----|
| Tank and pump unit (trk-mounting) | 2 |
| Tank unit (tlr-mounting) | 2 |
| Trailer, ammo, 1 1/2-ton | 22 |
| Trailer, cargo, 1/4-ton | 14 |
| Trailer, cargo, 1 1/2-ton | 15 |
| Trailer, tank, water, 400 gal, 1 1/2-ton | 5 |
| Truck, ambulance, 1/4-ton, 4 x 4 | 1 |
| Truck, cargo, 1 1/4-ton, 6 x 6 | 20 |
| Truck, cargo, 2 1/2-ton, 6 x 6 | 13 |
| Truck, cargo, 2 1/2-ton, 6 x 6, w/winch | 5 |
| Truck, cargo, 5-ton, 6 x 6, LWB | 19 |
| Truck, cargo, 5-ton, 6 x 6, LWB, w/winch | 18 |
| Truck, utility, 1/4-ton, 4 x 4 | 17 |
| Truck, wrecker, 5-ton, 6 x 6, w/winch | 1 |

MATERIEL

| | |
|--------------------------|-----|
| Howitzer, towed, 155-mm | 18 |
| Launcher, grenade, 40-mm | 25 |
| Machinegun, 7.62-mm | 31 |
| Pistol, cal 45 | 15 |
| Rifle, 5.56-mm | 512 |

COMMUNICATIONS

| | |
|-------------------------------------|----|
| Antenna, AT-984/G | 7 |
| Antenna, RC-292 | 18 |
| Axle, cable, reel, RL-27 | 6 |
| Cable, assy, CX-4566 | 2 |
| Cable, assy, CX-4760 | 4 |
| Cable, tel, WD-1/TT, DR-8, 1/4 mi | 65 |
| Cable, tel, WD-1/TT, RL-159/U, 1 mi | 55 |
| Cable, tel, WD-1/TT, 2 cond | 32 |
| Coil, tel repeating | 24 |
| Elec TT sec equip TSEC/KW-7 | 2 |
| Headset, microphone | 33 |
| Inverter vibrator | 1 |

| | |
|-------------------------------------|-----|
| Code changer key KYK-28/TSEC | 9 |
| Radio set AN/GRC-160 | 5 |
| Radio set AN/PRC-77 | 6 |
| Radio set AN/VRC-46 | 17 |
| Radio set AN/VRC-47 | 11 |
| Radio set AN/VRC-48 | 1 |
| Radio set AN/VRC-49 | 1 |
| Radio set control gp AN/GRA-39 | 15 |
| Radio TT set AN/GRC-142 | 2 |
| Radio set control | 18 |
| Reel, cable, DR-8 | 8 |
| Reeling machine, cable, hand, RL-31 | 6 |
| Reeling machine, cable, hand, RL-39 | 55 |
| Reproducer, sig data | 1 |
| Tac digital regen repeater | 1 |
| Speech security equip TSEC/KY-38 | 21 |
| Switchboard, tel, man, SB-22/PT | 8 |
| Switchboard, SB-993 | 3 |
| Tel, conn/switching gp MX-155/GT | 3 |
| Telephone set TA-1/PT | 6 |
| Telephone set TA-312/PT | 122 |

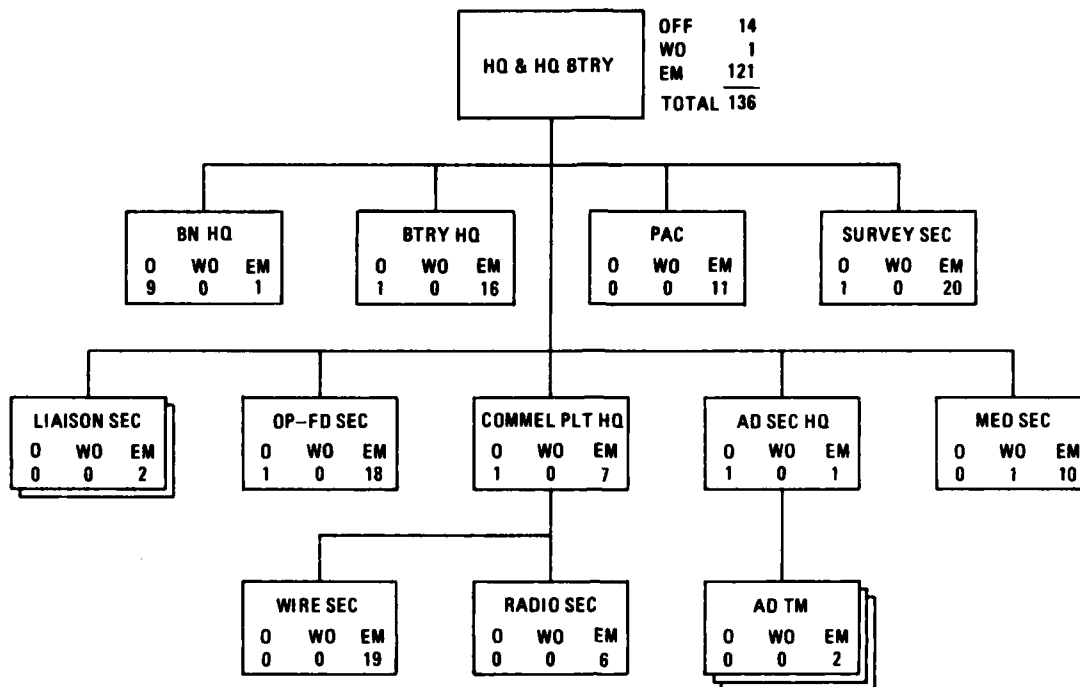
GUNNERY

| | |
|---|----|
| Aiming circle | 6 |
| Computer, gun direction | 4 |
| FD set, arty, 25,000 meter | 10 |
| Plotting board, indir fire, arty/inf, in meters | 13 |
| Plotting set, arty, fire control | 10 |
| Range finder, fire control | 2 |

TARGET ACQUISITION

| | |
|---|---|
| Surv inst DME | 3 |
| Surv inst, az gyro | 2 |
| Surv set, arty, fire control, 4th order | 3 |
| Theodolite survey | 3 |

TOE 6-716H
HEADQUARTERS AND HEADQUARTERS BATTERY, 155-MM, TOWED
FIELD ARTILLERY BATTALION, AIRMOBILE (AIR ASSAULT) DIVISION



MISSION: To direct and coordinate operations of the battalion and to provide facilities with which the battalion commander can control the battalion.

TOE 6-716H

BN HQ

Personnel

- 1 05 Bn Cmdr
- 1 04 XO
- 1 04 S3
- 1 03 Motor Off
- 1 03 C-E Stf Off
- 2 03 S1
- 1 03 S2
- 1 E9 CSM

Equipment

- 10 Bayonet
- 10 Mask CBR
- 3 Pistol cal 45
- 7 Rifle 5.56mm

BTRY HQ

Personnel

- 1 03 BC
- 1 E8 1st Sgt
- 1 E7 Food Svc Sgt
- 1 E6 Supply Sgt
- 1 E6 Motor Sgt
- 1 E5 Pwr Gen & W Veh Mech
- 1 E5 1st Cook
- 1 E4 Armorer
- 1 E4 Equip Maint Clk
- 2 E4 Cook
- 2 E4 Pwr Gen & W Veh Mech
- 1 E3 Lt Veh Driver
- 1 E3 Cook
- 2 E3 Pwr Gen & W Veh Mech

Equipment

- 1 Accy outfit fld range
- 1 Alarm CML
- 4 Bag cargo A-22
- 17 Bayonet
- 1 Binocular
- 1 Cabinet tool/sp parts w/18 drwrs
- 1 Cabinet tool/sp parts 35½H
- 24 Camouflage screen sys
- 24 Camouflage screen spt sys
- 2 Charger radiac detector
- 1 Compass mag
- 1 Compressor
- 1 Detecting set mine
- 1 Detecting set mine PSS-11
- 4 Heater immersion
- 1 Instal kit MK 1234
- 1 Lchr gren 40mm
- 4 Lchr rkt prac
- 2 MG 7.62mm w/tripod
- 17 Mask CBR
- 2 Multimeter
- 5 Night vision goggles
- 3 Night vision sight PVS-4
- 1 Pistol cal 45
- 2 Radiacmeter IM-93

- 1 Radiacmeter IM-174
- 1 Radio set GRC-160
- 3 Range outfit fld
- 16 Rifle 5.56mm
- 2 Sling cargo net
- 5 Tel set TA-312
- 1 Shop equip auto maint
- 5 Tool kit mech
- 1 Tool kit carpenter
- 1 Tool kit sml arms
- 1 Tlr ¼T
- 2 Tlr 1½T
- 2 Trk 2½T
- 1 Trk 2½T w/winch
- 1 Trk ¼T
- 1 Tlr tk wtr

PAC

Personnel

- 1 E7 PAC Supv
- 1 E6 Reenlist NCO
- 1 E6 Pers Stf NCO
- 1 E5 Legal Clk
- 1 E5 PAC Clk
- 1 E4 Clk Typist
- 1 E4 PAC Clk
- 2 E3 Lt Veh Driver
- 2 E3 PAC Clk

Equipment

- 2 Bag cargo A-22
- 11 Bayonet
- 2 Binocular
- 8 Camouflage screen sys
- 8 Camouflage screen spt sys
- 2 Compass mag
- 1 Instal kit MK 1246
- 1 Instal kit MK 1306
- 1 Instal kit MK 1554
- 1 Instal kit MK 1663
- 11 Mask CBR
- 2 Pwr sup assy veh
- 1 Radio set VRC-46
- 1 Radio set VRC-47
- 11 Rifle 5.56mm
- 1 Sling cargo net
- 2 Speech sec equip KY-38
- 5 Tel set TA-312
- 1 Tlr ¼T
- 1 Trk 1¼T
- 1 Trk ¼T

OPS-FD SECTION

Personnel

- 1 03 Asst S3
- 1 E8 Intel Sgt
- 1 E8 Ops Sgt
- 1 E7 Ch FD Comp
- 1 E6 NBC Ops/Stf NCO
- 1 E6 Asst Ch FD Comp
- 6 E5 FD Comp
- 2 E4 Chart Opr
- 1 E4 Clk Typist

- 1 E4 Intel Sp
- 1 E4 Ops Sp
- 1 E4 Tac Wire Opns Sp
- 1 E3 Radio Opr

Equipment

- 1 Alarm CML
- 1 Antenna AT-984
- 5 Antenna RC-292
- 2 Bag cargo A-22
- 19 Bayonet
- 2 Binocular
- 7 Cable tel DR-8
- 17 Camouflage screen sys
- 17 Camouflage screen spt sys
- 1 Code changer key KYK-28
- 2 Compass mag
- 1 Computer gun dir
- 1 Duplicating mach stencil
- 4 FD set arty
- 1 Generator 1.5kw (120V)
- 3 Generator 1.5kw (28V)
- 2 Generator 3kw
- 4 Headset microphone
- 2 Instal kit VRC-46/GRC-160
- 2 Instal kit MK 1246
- 1 Instal kit MK 1306
- 2 Instal kit MK 1553
- 1 Instal kit MK 1554
- 2 Instal kit MK 1663
- 1 Lt set gen illum
- 19 Mask CBR
- 4 Plotting bd
- 4 Plotting set arty
- 1 Radio set VRC-47
- 5 Radio set cont gp
- 5 Reeling mach RL-39
- 5 Speech sec equip KY-38
- 1 Swbd SB-22
- 8 Tel set TA-312
- 1 Tlr 1½T
- 1 Trk 2½T
- 5 Radio set VRC-46
- 19 Rifle 5.56mm
- 3 Sling cargo net
- 1 Tlr ¼T
- 1 Trk 1¼T
- 1 Trk ¼T

(2) LIAISON SECTIONS

Personnel

- 2 E6 Ln Sgt
- 2 E4 Ln Sp

Equipment

- 2 Antenna RC-292
- 2 Bag cargo A-22
- 4 Bayonet
- 2 Binocular
- 4 Cable tel DR-8
- 4 Camouflage screen sys
- 4 Camouflage screen spt sys
- 2 Compass mag

- 2 Generator 1.5kw
- 2 Instal kit MK 1234
- 2 Instal kit MK 1552
- 4 Mask CBR
- 2 Pwr sup assy
- 2 Radio set VRC-46
- 2 Radio set control gp GRA-39
- 2 Tel set TA-312
- 4 Reeling mach RL-39
- 4 Rifle 5.56mm
- 2 Sling cargo
- 2 Speech sec equip KY-38
- 2 Tlr 1/4T
- 2 Trk 1/4T

SURVEY SECTION

Personnel

- 1 Lt Recon Survey Off
- 1 E7 Ch Surveyor
- 3 E6 Ch of Survey Party
- 3 E4 Instr Opr
- 3 E4 Survey Reocdrer
- 1 E3 RTO
- 3 E3 Rodman-Tapeman
- 6 E5 Survey Computer

Equipment

- 3 Aiming circle
- 3 Bag cargo A-22
- 21 Bayonet
- 6 Binocular
- 14 Camouflage screen sys
- 14 Camouflage screen spt sys
- 1 Charger btry
- 8 Compass mag
- 1 Instal kit MK 1234
- 3 Lchr gren 40mm
- 2 MG 7.62mm w/tripod
- 1 Night vision sight
- 2 Periscope
- 2 Radiacmeter IM-93
- 1 Radiacmeter IM-174
- 6 Radio set PRC-77
- 1 Radio set VRC-46
- 2 Range finder laser
- 21 Rifle 5.56mm
- 3 Sling cargo net
- 2 Surveying instr az gyro
- 3 Surveying instr DME
- 3 Surveying set arty
- 3 Theodolite
- 3 Trk 1/4T
- 1 Trk 1/4T

COMMEL PLAT HQ

Personnel

- 1 Lt Plat Ldr
- 1 E8 Tac Comm Ch
- 1 E5 Tac Comm Sys Supv
- 1 E4 Radio Opr
- 1 E4 Tac Wire Opns Sp
- 2 E3 Tac Comm Sys Op/Mech
- 1 E3 Tac Wire Opns Sp

Equipment

- 2 Antenna RC-292
- 2 Bag cargo A-22
- 8 Bayonet
- 1 Binocular
- 1 Cable tel DR-8
- 6 Camouflage screen sys
- 6 Camouflage screen spt sys
- 1 Code changer key KYK-28
- 1 Compass mag
- 1 Detecting set mine
- 1 Detecting set mine PSS-11
- 1 Generator 1.5kw
- 1 Instal kit MK 1224
- 1 Instal kit MK 1552
- 1 Instal kit MK 1646
- 1 Inverter vibrator
- 1 Lchr gren 40mm
- 8 Mask CBR
- 1 Multimeter
- 1 Pwr sup assh veh
- 2 Radiacmeter IM-93
- 1 Radiacmeter IM-174
- 1 Radio set VRC-49
- 1 Radio set control gp GRA-39
- 1 Reeling mach RL-39
- 1 Reproducer sig data
- 8 Rifle 5.56mm
- 1 Sling cargo net
- 1 Speech sec equip KY-38
- 1 Tac digital regen rptr
- 2 Tel set TA-312
- 1 Test btry
- 1 Test set comp logic
- 1 Test set elec tube
- 1 Test set radio
- 1 Test set radio freq
- 2 Tool kit elec equip
- 1 Tlr 1/4T
- 1 Trk 1/4T
- 1 Trk 1/4T

WIRE SECTION

Personnel

- 1 E6 Tac Comm Ch
- 3 E5 Tac Wire Opns Tm Ch
- 7 E4 Tac Wire Ops Sp
- 8 E3 Tac Wire Ops Sp

Equipment

- 3 Axle cable RL-27
- 3 Bag cargo A-22
- 19 Bayonet
- 2 Cable assy CX 4566
- 4 Cable assy CX 4760
- 35 Cable tel RL-159
- 10 Cable tel 2 cond fld wire
- 9 Camouflage screen sys
- 9 Camouflage screen spt sys
- 8 Coil repeating
- 1 MG 7.62mm w/tripod
- 19 Mask CBR
- 3 Reeling mach RL-31

- 19 Rifle 5.56mm
- 2 Sling cargo net
- 3 Splicing kit cable
- 3 Switchboard tel SB-22
- 8 Tel set TA-312
- 1 Trk 1/4T
- 4 Trk 1/4T

RADIO SECTION

Personnel

- 1 E6 RATT Opns Supv
- 1 E5 RATT Opns Tm Ch
- 2 E4 RATT Opr
- 2 E3 RATT Opr

Equipment

- 2 Bag cargo A-22
- 6 Bayonet
- 2 Cable tel DR-8
- 4 Camouflage screen sys
- 4 Camouflage screen spt sys
- 2 Elec TT sec equip KW-7
- 2 Generator 5kw
- 2 Headset microphone
- 6 Mask CBR
- 2 RATT set GRC-142
- 2 Reeling mach RL-39
- 6 Rifle 5.56mm
- 2 Sling cargo net
- 2 Tel set TA-312
- 2 Trk 1/4T

MEDICAL SECTION

Personnel

- 1 WO Physician's Asst
- 1 E6 Sec Sgt
- 1 E5 Medical Aide
- 4 E4 Btry Aidman
- 1 E4 Medical Aide
- 1 E4 Amb Driver
- 1 E3 Medical Attendant
- 1 E4 Prac Nurse

Equipment

- 1 Bag cargo A-22
- 1 Blanket set bed
- 11 Camouflage screen sys
- 11 Camouflage screen spt sys
- 1 Gen set 1.5kw
- 1 Lt set gen illum
- 1 Med equip set bn aid sta
- 10 Mask head wound
- 11 Mask CBR
- 4 Pistol cal 45
- 1 Radiac set
- 7 Rifle 5.56mm
- 1 Sling cargo net
- 8 Surgical instr/sup set
- 1 Tel set TA-312
- 1 Trk amb 1/4T
- 1 Trk 1/4T
- 1 Watch wrist

AD SECTION HQ

Personnel

- 1 Lt Sec Ldr
- 1 E6 Sec Sgt

Equipment

- 1 Bag cargo A-22
- 2 Bayonet
- 1 Cable tel DR-8
- 1 Camouflage screen sys
- 1 Camouflage screen spt sys
- 1 Code changing key KIK-18
- 1 Gen set 1.5kw
- 2 Interrogator set
- 1 Interrogator comp
- 1 Programmer inter set
- 1 Tng set GM sys
- 1 Display set tgt alert
- 1 Instal kit MK 1225
- 2 Mask CBR
- 1 Radio set VRC-48
- 1 Radio set control gp GRA-39
- 1 Reeling mach RL-39
- 2 Rifle 5.56mm
- 1 Tel set TA-312
- 1 Tlr ¼T
- 1 Trk ¼T

(3) AD TEAMS

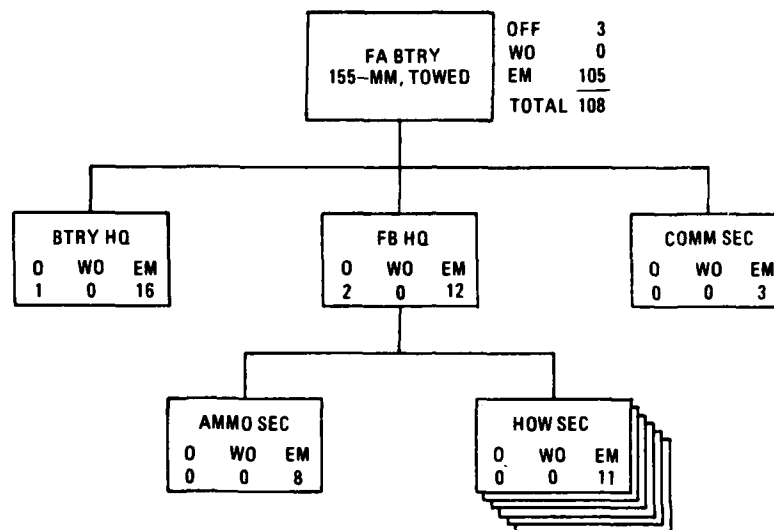
Personnel

- 3 E5 Tm Ch
- 3 E4 Gunner

Equipment

- 3 Bag cargo A-22
- 6 Bayonet
- 6 Binocular
- 3 Cable tel DR-8
- 3 Camouflage screen sys
- 3 Camouflage screen spt sys
- 3 Display set tgt alert
- 3 Instal kit MK 1234
- 6 Mask CBR
- 3 Pistol cal 45
- 3 Radio set GRC-160
- 3 Reeling mach RL-39
- 3 Rifle 5.56mm
- 6 Tel set TA-1
- 3 Tlr ¼T
- 3 Trk ¼T
- 6 Watch wrist
- 3 Harness GM equip
- 3 GM sys intercept
- 6 Interrogator set
- 3 Trainer handling GM lchr

TOE 6-717H
 FIELD ARTILLERY BATTERY, 155-MM, TOWED
 FIELD ARTILLERY BATTALION, AIRMOBILE (AIR ASSAULT) DIVISION



MISSION: To provide a firing component of the field artillery battalion, 155-mm, towed.

TOE 6-717H

BTRY HQ

Personnel

- 1 03 BC
- 1 E8 1st Sgt
- 1 E6 Food Svc Sgt
- 1 E6 Supply Sgt
- 1 E6 Motor Sgt
- 1 E5 1st Cook
- 1 E4 Armorer
- 2 E4 Cook
- 1 E4 Equip Maint Clk
- 1 E4 PLL Clk
- 1 E3 Lt Veh Driver
- 1 E4 Pwr Gen & W Veh Mech
- 2 E3 Pwr Gen & W Veh Mech
- 1 E3 Cook
- 1 E5 NBC NCO

Equipment

- 1 Accy outfit fld range
- 1 Alarm CML
- 4 Bag cargo A-22
- 108 Bayonet
- 1 Binocular
- 1 Cabinet tool/sp parts w/18 drwrs
- 1 Cabinet tool/sp parts 35½H
- 2 Cable tel DR-8
- 22 Camouflage screen sys
- 22 Camouflage screen spt sys
- 2 Charger radiac detector
- 1 Code changer key KYK-28
- 1 Compass mag
- 1 Compressor
- 1 Generator 1.5kw
- 7 Heater immersion
- 1 Instal kit MK 1306
- 1 Instal kit MK 1554
- 2 Lchr gren 40mm
- 1 Lt set gen illum
- 108 Mask CBR
- 1 Multimeter
- 6 Night vision goggles
- 4 Night vision sight PVS-4
- 1 Pistol cal 45
- 1 Pwr sup assy veh
- 1 Radiac set
- 2 Radiacmeter IM-93
- 1 Radiacmeter IM-174
- 1 Radio set VRC-47
- 3 Range outfit fld
- 1 Reeling mach RL-39
- 107 Rifle 5.56mm
- 1 Speech sec equip KY-38
- 3 Tel set TA-312
- 1 Shop equip auto maint
- 3 Tool kit mech
- 1 Tool kit carpenter
- 1 Tool kit sml arms
- 1 Tlr ¼T
- 2 Tlr 1½T

- 1 Tlr tk wtr
- 2 Trk 2½T w/winch
- 1 Trk 2½T
- 1 Trk ¼T
- 6 Watch wrist

COMM SECTION

Personnel

- 1 E6 Comm Ch
- 1 E4 Tac Wire Ops Spec
- 1 E3 Tac Wire Ops Spec

Equipment

- 1 Axle cable reel RL-27
- 1 Bag cargo A-22
- 7 Cable tel RL-159
- 6 Cable tel 2 cond fld wire
- 1 Detecting set mine
- 1 Detecting set mine PSS-11
- 1 Splicing kit tel cable
- 4 Coil tel repeating C-161
- 1 Lchr gren 40mm
- 1 Reeling mach RL-31
- 1 Switchboard SB-22
- 5 Tel set TA-312

FB HQ

Personnel

- 1 Lt XO
- 1 Lt FDO
- 1 E7 Ch of FB
- 1 E7 Gunnery Sgt
- 1 E6 Ch FD Comp
- 2 E5 FD Comp
- 2 E4 Chart Opr
- 1 E4 FA Wpns Mech
- 2 E4 FADAC Opr
- 2 E3 Radio Opr

Equipment

- 2 Aiming circle
- 1 Alarm CML
- 1 Antenna AT-984
- 2 Antenna RC-292
- 2 Bag cargo A-22
- 15 Bayonet
- 2 Binocular
- 4 Cable tel DR-8
- 7 Camouflage screen sys
- 7 Camouflage screen spt sys
- 1 Code changer key KYK-28
- 2 Compass mag
- 1 Computer gun dir
- 1 Demo set explosive
- 2 FD set arty
- 1 Generator 1.5kw (120V)
- 2 Generator 1.5kw (28V)
- 2 Generator 3kw
- 2 Headset microphone
- 1 Instal kit MK 1246
- 1 Instal kit MK 1663
- 2 Lchr gren 40mm
- 1 Light set gen illum

- 15 Mask CBR
- 1 Multimeter
- 2 Plotting bd
- 1 Plotting set
- 1 Pwr sup assy veh
- 2 Radiacmeter IM-93
- 1 Radiacmeter IM-174
- 2 Radio set VRC-46
- 2 Radio set control gp GRA-39
- 3 Reeling mach RL-39
- 15 Rifle 5.56mm
- 2 Sling cargo net
- 1 Speech sec equip KY-38
- 1 Tel conn/switching gp MX-155
- 5 Tel set TA-312
- 1 Tool kit arty mech
- 1 Tool kit sp wpns org maint
- 1 Trk 1¼T

(6) HOWITZER SECTIONS

Personnel

- 6 E6 Ch of Sec
- 6 E5 Gunner
- 6 E4 Asst Gunner
- 6 E4 Prime Mover Driver
- 42 E3 Cannoneer

Equipment

- 12 Bag cargo A-22
- 66 Bayonet
- 6 Cargo tel DR-8
- 30 Camouflage screen sys
- 30 Camouflage screen spt sys
- 6 Compass mag
- 6 Howitzer med twd 155mm M198
- 6 MG 7.62mm w/tripod
- 66 Mask CBR
- 6 Radio set control gp GRA-39
- 6 Reeling mach RL-39
- 66 Rifle 5.56mm
- 24 Sling cargo net
- 6 Tel set TA-312
- 6 Trk 5T

AMMO SECTION

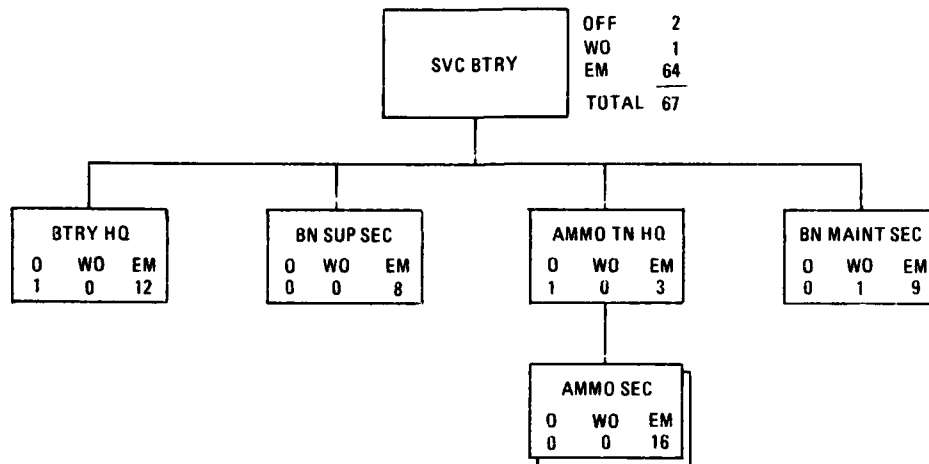
Personnel

- 1 E5 Ammo sgt
- 4 E4 Lt Veh Driver
- 3 E3 Ammo Handler

Equipment

- 8 Bayonet
- 12 Camouflage screen sys
- 12 Camouflage screen spt sys
- 2 MG 7.62mm w/tripod
- 8 Mask CBR
- 8 Rifle 5.56mm
- 24 Sling cargo net
- 1 Tel set TA-312
- 4 Tlr ammo 1½T
- 3 Trk 5T
- 1 Trk 5T w/winch

TOE 6-719H
SERVICE BATTERY, FIELD ARTILLERY BATTALION,
155-MM TOWED, AIRMOBILE (AIR ASSAULT) DIVISION



MISSION: To procure and distribute supplies of all classes to units of the battalion, to maintain appropriate supply records, and to perform organizational-level maintenance functions not otherwise accomplished within the battalion.

TOE 6-719H

BTRY HQ

Personnel

- 1 O3 BC
- 1 E8 1st Sgt
- 1 E6 Food Svc Sgt
- 1 E6 Supply Sgt
- 1 E6 Motor Sgt
- 1 E5 1st Cook
- 1 E4 Armorer
- 1 E4 Cook
- 1 E4 Equip Maint Clk
- 1 E4 Sr Fld Swbd Opr
- 1 E4 Whl Veh Mech
- 1 E3 Lt Veh Driver
- 1 E3 Cook

Equipment

- 1 Accy outfit fld range
- 1 Alarm CML
- 1 Antenna RC-292
- 4 Bag cargo A-22
- 13 Bayonet
- 1 Binocular
- 1 Cabinet tool/sp parts w/18 drwrs
- 1 Cabinet tool/sp parts 35½H
- 2 Cable tel DR-8
- 4 Cable tel 2 cond fld wire
- 29 Camouflage screen sys
- 29 Camouflage screen spt sys
- 2 Charger radiac detector
- 4 Coil tel repeating C-161
- 1 Compass mag
- 1 Compressor
- 1 Detecting set mine
- 1 Detecting set mine PSS-11
- 1 Generator 1.5kw
- 4 Heater immersion
- 1 Instal kit MK 1234
- 1 Instal kit MK 1552
- 2 Lchr gren 40mm
- 13 Mask CBR
- 5 Night vision goggles
- 1 Night vision sight PVS-4
- 1 Pistol cal 45
- 1 Pwr sup assy veh
- 1 Radiac set
- 2 Radiacmeter IM-93
- 1 Radiacmeter IM-173
- 1 Radio set VRC-46
- 1 Radio set control gp GRA-39
- 2 Range outfit fld
- 8 Reel cable DR-8
- 3 Reeling mach RL-39
- 12 Rifle 5.56mm
- 1 Speech sec equip KY-38
- 1 Switchboard SB-22
- 6 Tel set TA-312
- 1 Shop equip auto maint
- 3 Tool kit mech
- 1 Tool kit carpenter

- 1 Tool kit sml arms
- 2 Tlr 1½T
- 1 Tlr tk wtr
- 3 Trk 2½T
- 1 Trk ¼T
- 5 Watch wrist

BN SUPPLY SECTION

Personnel

- 1 E7 Supply Sgt
- 1 E5 Gen Supplyman
- 2 E4 Gen Supplyman
- 1 E4 Veh Driver
- 2 E3 Gen Supplyman
- 1 E3 Veh Driver

Equipment

- 6 Bag cargo A-22
- 8 Bayonet
- 23 Camouflage screen sys
- 23 Camouflage screen spt sys
- 1 Lchr gren 40mm
- 8 Mask CBR
- 8 Rifle 5.56mm
- 1 Steel strapping/sealing kit
- 2 Tank/pump unit liquid disp
- 2 Tank unit liquid disp
- 2 Tel set TA-312
- 3 Tlr 1½T
- 3 Trk 2½T

BN MAINT SECTION

Personnel

- 1 WO Auto Maint Tec
- 1 E7 Motor Sgt
- 1 E5 Sr Whl Veh Mech
- 1 E4 GP Pwr Gen Opr/Mech
- 1 E4 PLL Clk
- 1 E4 Whl Veh Mech
- 1 E4 Welder
- 1 E4 Wrecker Opr
- 2 E3 Asst Whl Veh Mech

Equipment

- 2 Bag cargo A-22
- 10 Bayonet
- 1 Cabinet tool/sp parts 3 shelves
- 1 Cabinet tool/sp parts 35½H
- 16 Camouflage screen sys
- 16 Camouflage screen spt sys
- 1 Compressor
- 2 Generator 1.5kw
- 2 Generator 3kw
- 1 Heater duct type
- 1 Instal kit MK 1234
- 1 Lchr gren 40mm
- 1 Light set gen illum
- 10 Mask CBR
- 1 Multimeter
- 2 Charger btry
- 1 Radio set GRC-160
- 10 Rifle 5.56mm
- 1 Tel set TA-312

- 1 Shop equip auto maint
- 5 Tool kit mech
- 1 Tool kit welder
- 1 Tlr ¼T
- 1 Tlr 1½T
- 1 Trk 2½T
- 1 Trk ¼T
- 1 Trk wrecked 5T

AMMO TRAIN HQ

Personnel

- 1 Lt Ammo Off
- 1 E7 Ammo Sgt
- 1 E4 Ammo Agent
- 1 E4 Ammo Clk

Equipment

- 1 Alarm CML
- 1 Bag cargo A-22
- 4 Bayonet
- 3 Camouflage screen sys
- 3 Camouflage screen spt sys
- 1 Code changer key KYK-28
- 1 Demo set explosive
- 1 Instal kit MK 1246
- 1 Instal kit MK 1663
- 4 Mask CBR
- 1 Pwr sup assy veh
- 2 Radiacmeter IM-93
- 1 Radiacmeter IM-174
- 4 Rifle 5.56mm
- 1 Speech sec equip
- 1 Tel set TA-312
- 1 Trk ¼T

(2) AMMO SECTIONS

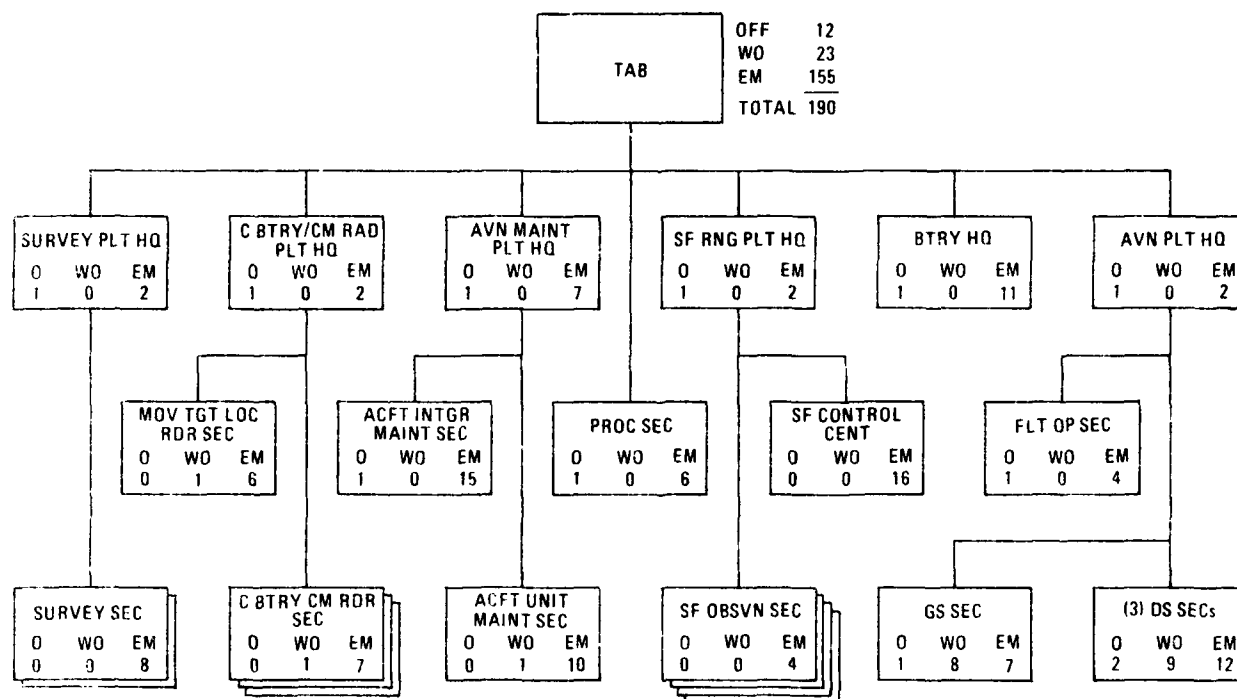
Personnel

- 2 E6 Sec Ch
- 5 E4 Veh Driver
- 5 E3 Veh Driver
- 20 E3 Ammo Handler

Equipment

- 32 Bayonet
- 30 Camouflage screen sys
- 30 Camouflage screen spt sys
- 4 Lchr gren 40mm
- 2 MG 7.62mm w/tripod
- 32 Mask CBR
- 32 Rifle 5.56mm
- 20 Sling cargo net
- 10 Tlr ammo 1½T
- 10 Trk 5T

TOE 6-797H
 TARGET ACQUISITION BATTERY, AIRMOBILE (AIR ASSAULT) DIVISION



MISSION: To provide general target acquisition, survey, and aviation support to the airmobile division artillery.

TOE 6-797H

BTRY HQ

Personnel

1 O4 BC
1 E8 1st Sgt
1 E6 Supply Sgt
1 E5 RATT Tm Ch
1 E5 Unit Clk
1 E4 Armorer
1 E4 Equip Maint Clk
1 E4 FADAC/CE Mech
1 E4 GP Pwr Gen Opr/Mech
1 E3 Gen Supplyman
1 E3 Lt Veh Driver

Equipment

1 Alarm CML
1 Antenna RC-292
4 Bag cargo A-22
195 Bayonet
1 Binocular
2 Cable tel DR-8
11 Camouflage screen sys
11 Camouflage screen spt sys
1 Charger radiac detector
1 Code changer key KYK-28
1 Compass mag
1 Detecting set mine
1 Detecting set mine PSS-11
1 Elec TT sec equip KW-7
1 Generator 1.5kw
1 Generator 3kw
1 Instal kit MK 1306
1 Lchr gren 40mm
1 MG 7.62mm w/tripod
34 Mask prot acct
156 Mask CBR
2 Multimeter
30 Night vision goggles
9 Pistol cal 45
1 Pwr sup assy veh
2 Radiacmeter IM-93
1 Radiacmeter IM-174
1 Radio set VRC-47
1 Radio set control gp GRA-39
1 RATT set VSC-2
1 Rec/Trans control gp
1 Reeling mach RL-39
33 Revolver cal 38
153 Rifle 5.56mm
1 Speech sec equip KY-38
1 Steel strapping/sealing kit
2 Tel set TA-312
1 Test btry
1 Test set comp logic
1 Test set radio
1 Tool kit mech
1 Tool kit carpenter
1 Tool kit elec equip
1 Tool kit sml arms
1 Tlr 1/4T
1 Tlr 1 1/2T

1 Trk 2 1/2T
1 Trk 1/4T
10 Watch wrist

PROCESSING SECTION

Personnel

1 Lt XO
1 E7 Sec Ch
1 E6 Asst Sec Ch
1 E5 Tgt Acq Sp
2 E4 Tgt Acq Sp
1 E3 Tgt Acq Sp

Equipment

1 Antenna RC-292
2 Bag cargo A-22
2 Cable tel DR-8
6 Camouflage screen sys
6 Camouflage screen spt sys
1 FD set arty
1 Generator 1.5kw
1 Instal kit MK 1246
1 Plotting set arty
1 Radio set VRC-46
1 Radio set control gp GRA-39
1 Reeling mach RL-39
1 Switchboard SB-22
3 Tel set TA-312
1 Tlr 1/4T
1 Trk 1 1/4T

SURVEY PLAT HQ

Personnel

1 Lt Plat Cmdr
1 E7 Plat Sgt
1 E3 Lt Veh Driver

Equipment

1 Binocular
2 Cable tel DR-8
1 Camouflage screen sys
1 Camouflage screen spt sys
1 Compass mag
1 Generator 1.5kw
1 Instal kit MK 1306
2 Radiacmeter IM-93
1 Radiacmeter IM-174
1 Radio set VRC-47
1 Radio set control gp GRA-39
1 Reeling mach RL-39
1 Tel set TA-312
1 Tlr 1/4T
1 Trk 1/4T

(2) SURVEY SECTIONS

Personnel

2 E6 Sec Ch
2 E5 Survey Comp
2 E5 Survey Comp/Recorder
6 E4 Instr Opr
4 E4 Survey Recorder

Equipment

4 Bag cargo A-22
4 Binocular
9 Camouflage screen sys
9 Camouflage screen spt sys
4 Compass mag
2 Instal kit MK 1234
2 Instal kit MK 1246
2 Lchr gren 40mm
2 MG 7.62mm w/tripod
4 Radio set GRC-160
2 Radio set PRC-77
2 Surveying instr az gyro
6 Surveying instr DME
2 Surveying set arty 4th order
6 Tgt set surveying
6 Theodolite survey
2 Tlr 1/4T
2 Trk 1 1/4T
2 Trk 1/4T
6 Watch wrist

SD/FL RANGING PLAT HQ

Personnel

1 Lt Plt Cmdr
1 E7 Plat Sgt
1 E3 Lt Veh Driver

Equipment

1 Bag cargo A-22
2 Binocular
1 Cable tel DR-8
1 Camouflage screen sys
1 Camouflage screen spt sys
2 Compass mag
1 Instal kit MK 1306
2 Radiacmeter IM-93
1 Radiacmeter IM-174
1 Radio set VRC-47
1 Reeling mach RL-39
1 Tel set TA-312
1 Tlr 1/4T
1 Trk 1/4T

SD/FL CONTROL CENTER

Personnel

1 E6 Sec Ch
1 E5 Asst Sec Ch
2 E5 Ch Record Reader
1 E5 Ch Sd Recorder
2 E5 Fld Swbd Opr
1 E5 Sd Ranging Equip Mech
4 E4 Sd/Fl Comp
1 E4 Sd/Fl Recorder
2 E3 Sd/Fl Plotter
1 E3 Radio Opr

Equipment

2 Antenna RC 292
2 Bag cargo A-22
2 Cable tel DR-8
40 Cable tel RL 159

15 Camouflage screen sys
 15 Camouflage screen spt sys
 1 Comp gun dir
 1 FD set arty
 1 Flash ranging set
 1 Generator 1.5kw (120V)
 3 Generator 1.5kw (28V)
 2 Generator 3kw
 1 Generator hydrogen
 2 Instal kit MK 1246
 1 Light set gen illum
 1 MG 7.62mm w/tripod
 1 Multimeter
 1 Nozzle met balloon infl
 1 Plotting bd winds aloft
 1 Plotting set arty fire control
 2 Plotting set sd ranging
 2 Psychrometer
 1 Radio set GRC-160
 1 Radio set VRC-46
 2 Radio set control gp GRA-39
 4 Reeling mach RL-31
 2 Reeling mach RL-39
 2 Reeling mach RL-172
 1 Reproducer sig data
 1 Sig assy swbd-223
 2 Sound ranging set
 1 Surveying set arty 5th order
 4 Tel set TA-312
 1 Teletypewriter set TT-537
 1 Theodolite
 1 Tool kit elec equip
 2 Tlr ¾T
 1 Tripod surveying
 6 Trk 1¼T

(4) SD/FL OBSVN SECTIONS

Personnel

4 E6 Sec Ch
 4 E5 Sd/Fl Obsvr
 4 E4 Sd/Fl Obsvr
 4 E3 Sd/Fl Obsvr

Equipment

4 Bag cargo A-22
 4 Binocular
 4 Cable tel DR-8
 4 Camouflage screen sys
 4 Camouflage screen spt sys
 4 Headset microphone
 4 Instal kit MK 1234
 4 Lchr gren 40mm
 4 Periscope BC
 4 Radio set GRC-160
 4 Radio set control gp GRA-39
 4 Reeling mach RL-39
 4 Tel set TA-312
 4 Tlr ¾T
 4 Trk ¼T

CBTRY/CM RADAR PLAT HQ

Personnel

1 Lt Plat Cmdr

1 E7 Plat Sgt
 1 E3 Lt Veh Driver

Equipment

1 Bag cargo A-22
 1 Binocular
 1 Cable tel DR-8
 1 Camouflage screen sys
 1 Camouflage screen spt sys
 1 Compass mag
 1 Instal kit MK 1234
 2 Radiacmeter IM-93
 1 Radiacmeter IM-174
 1 Radio set VRC-46
 1 Reeling mach RL-39
 1 Tel set TA-312
 1 Tlr ¼T
 1 Trk ¼T

MOVING TGT LOCATING RADAR SECTION

Personnel

1 WO FA Radar Tech
 1 E6 Sec Ch
 1 E5 Sr FA Radar Opr
 1 E5 Wpns Spt Radar Mech
 2 E4 FA Radar Opr
 1 E4 GP Pwr Gen Opr/Mech

Equipment

1 Aiming circle
 1 Antenna RC-292
 1 Binocular
 2 Cable tel DR-8
 7 Camouflage screen sys
 1 Camouflage screen sys
 (rdr trans)
 8 Camouflage screen spt sys
 1 Compass mag
 1 Generator 1.5kw
 3 Generator 3kw
 1 Instal kit MK 1246
 1 Lchr gren 40mm
 1 MG 7.62mm w/tripod
 1 Multimeter
 1 Oscilloscope
 1 Radar set TPS-25
 1 Radio set VRC-46
 1 Radio set control gp GRA-39
 2 Reeling mach RL-39
 1 Tel set TA-312
 1 Tool kit mech
 1 Tool kit elec equip
 1 Tlr ¾T
 1 Tlr 1½T
 1 Trk 1¼T
 1 Trk 2½T

AVN PLT HQ

Personnel

1 O3 Plt Cmdr
 1 WO Flt Safety Tech
 1 E7 Plt Sgt
 1 E3 Lt Veh Drvr

Equipment

1 Alarm chem agent
 1 Antenna RC-292
 1 Binocular
 1 Cable tel DR-8 (¼ mi)
 1 Camouflage screen system
 1 Camouflage screen spt system
 1 Code changer key KYK-28
 1 Instal kit MK 1306
 1 Instal kit MK 1554
 1 Pwr sup assy veh
 2 Radiacmeter IM-93
 1 Radiacmeter IM-174
 1 Radio set AN/VRC-47
 1 Radio set control gp GRA-39
 1 Speech sec equip KY-38
 1 Tel set TA-312
 1 Tool kit Army acft crash invest
 1 Tlr ¼T
 1 Trk ¼T

FLT OPNS SEC

Personnel

1 Lt Flt Opns Off
 1 WO Instr Examiner
 1 E6 Flt Opns Chief
 1 E4 Flt Opns Sp
 1 E3 Flt Opns Sp

Equipment

2 Antenna RC-292
 3 Binocular
 6 Cable tel DR-8
 7 Camouflage screen system
 5 Camouflage screen support
 system
 1 Code changer key KYK-28
 1 Generator set 3 KW
 1 Instal kit MK 1246
 1 Instal kit MK 1253
 1 Instal kit MK 1491
 1 Instal kit MK 1663
 1 Inverter vibrator
 1 Lchr gren 40mm
 2 Light beacon MX 7301/TVN
 2 Light set marker emer
 1 MG 7.62mm w/tripod
 1 Pwr supply assy veh
 1 Radio set GRC-160
 1 Radio set VRC-24
 2 Radio set control gp GRA-39
 2 Reeling mach RL-39
 1 Speech sec equip KY-38
 1 Swbd SB-993
 1 Tel set TA-312
 2 Tlr ¾T
 2 Trk 1¼T

3 DS AVN SEC

Personnel

3 Lt Sec Ldr
 1 WO Instructor Pilot
 6 WO OH-58 Pilot

- 6 E5 OH-58 Crew Chief
- 3 E4 CBS Hel Crew Chief
- 3 E3 CBS Hel Crew Chief

Equipment

- 3 Code changer key KIK-18
- 3 Code changer key KYK-28
- 12 Hel Obsvn OH-58
- 24 Night vision goggles PVS-5
- 12 Radiacmeter IM-93
- 6 Radiacmeter IM-174
- 24 Radio set PRC-90
- 12 Radio set speech sec equip abn KY-28
- 3 Tel set TA-312
- 12 Tool kit acft mech
- 12 Transponder computer kit

GS SEC

Personnel

- 1 Lt Section Ldr
- 1 WO Instructor Pilot
- 4 WO OH-58 Pilot
- 4 WO UH-1H Pilot
- 2 E5 OH-58 Crew Chief
- 3 E5 UH-1H Crew Chief
- 2 E4 CBS Hel Crew Chief

Equipment

- 3 Armament subsystem hel 7.62mm
- 60 Cable tel WD-12 cond fld wire
- 2 Code changer key KIK-18
- 4 Code changer key KYK-28
- 2 Command console electronic
- 4 Helicopter OH-58
- 3 Helicopter Utility UH-1H
- 6 MG 7.62mm acft
- 17 Night vision goggles PVS-5
- 4 Radiacmeter IM-93
- 2 Radiacmeter IM-174
- 17 Radio set PRC-90
- 13 Speech sec equip abn KY-28
- 1 Tel set TA-312
- 7 Tool kit acft mech
- 7 Transponder computer kit

AVN MAINT PLT HQ

Personnel

- 1 O3 Plt Cmdr
- 1 E7 Plt Sgt/Maint Supv
- 1 E6 Hel Tech Insp
- 3 E6 OH-58 Tech Insp
- 1 E6 UH-1 Tech Insp
- 1 E3 Lt Veh Drvr

Equipment

- 2 Cable tel DR-8 (1/4 mi)
- 1 Camouflage screen system
- 1 Camouflage screen spt system
- 1 Instal kit MK 1234
- 2 Radiacmeter IM-93
- 1 Radiacmeter IM-174
- 1 Radio set VRC-46

- 1 Reeling mach RL-39
- 1 Tel set TA-312
- 5 Tool kit acft inspection
- 1 Tlr 1/4T
- 1 Trk 1/4T

AVN UNIT MAINT SEC

Personnel

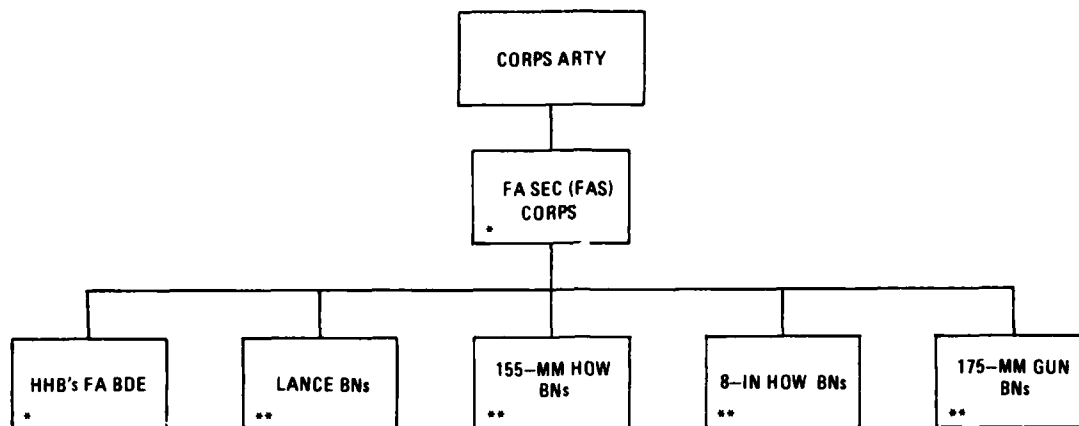
- 1 WO Acft Maint Tech
- 1 E7 Acft Comp Rpr Supv
- 1 E5 Sr UH-1 Repairman
- 1 E5 Materiel Supply Sp
- 1 E5 Sr Avionics Mech
- 1 E4 Acft Engine Repairman
- 1 E4 Acft Fuel Handling Sp
- 1 E4 Acft Structural Rpr
- 2 E4 Materiel Supply Sp
- 1 E4 OH-58 Repairman
- 1 E4 UH-1 Repairman
- 1 E3 Acft Elect/Instr Rpr
- 1 E3 Pneudraulics Rpr
- 1 E3 Pwr Train Rpr
- 2 E3 Acft Struc Rpr
- 1 E3 Avionics Mech
- 1 E3 Materiel Supply Sp
- 1 E3 UH-1 Rpr

Equipment

- 1 Adapter acft eng svc
- 2 Aerial recovery kit
- 3 Air conditioner
- 1 Cabinet tool spare parts
- 1 Charger battery
- 2 Compressor rcp pwr driven
- 1 Control pressure filling non-vented
- 1 Crane whl mtd
- 1 Dolly set
- 3 Drum fabric collapsible 500 gal
- 1 Fwd area refueling equip
- 1 Generator 3KW
- 1 Generator 7.5KW
- 2 Generator 10KW
- 1 Headset microphone
- 1 Heater duct type
- 1 Interrogator computer
- 4 Jack hydraulic
- 1 Lchr gren 40mm
- 1 Light set illum
- 1 MG 7.62mm w/tripod
- 1 Maint kit electr equip
- 1 Maint platform
- 1 Monitoring kit vibration
- 2 Multimeter URM 105
- 1 Multimeter USM 223
- 1 Multimeter USM 303
- 2 Radiacmeter IM-93
- 1 Radiacmeter IM-174
- 1 Radio set PRC-77
- 1 Repair kit collapsible fabric tank
- 1 Tester exhaust gas temperature
- 1 Tel set TA-312
- 1 Test set electr tube

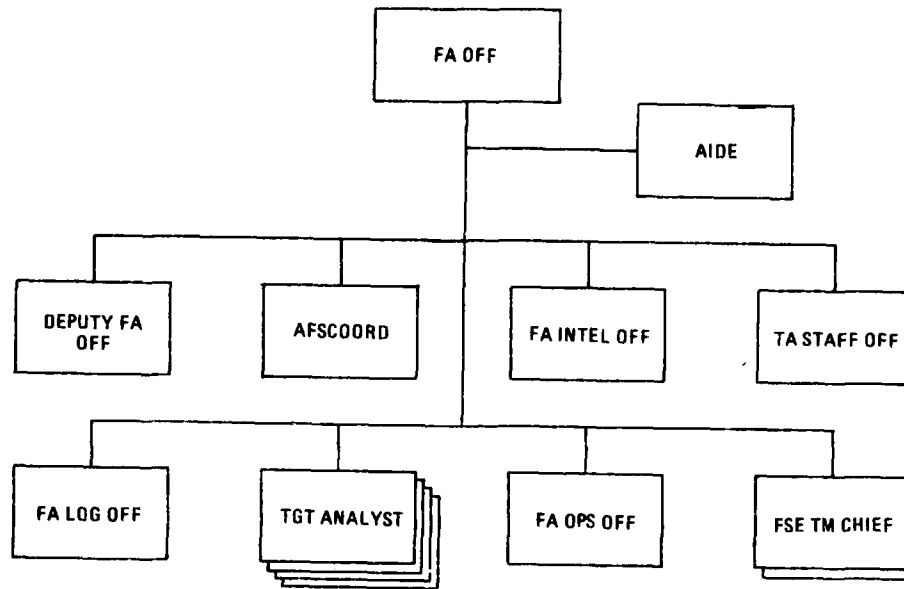
- 1 Test set transponder
- 1 Test stand hydraulic system components
- 1 Test pilot and static systems
- 1 Tie down kit collapsible drum
- 2 Tool kit airframe repr
- 5 Tool kit acft mech
- 1 Tool kit electr rpr
- 2 Tool kit electr equip
- 1 Tool kit pwr plant
- 1 Tool kit hydraulic rpr
- 1 Tool kit propeller/rotor rpr
- 1 Tool kit avn unit maint
- 1 Tlr acft maint airmobile
- 8 Tlr 3/4T
- 1 Transporter airmobile
- 8 Trk 1/4T
- 1 Trk wrecker 2 1/2T
- 1 Yoke towing/lifting

CHAPTER 6
FIELD ARTILLERY AT CORPS



NOTES: * This section appears in TOE for HHC, Corps (TOE 52-2H).
 ** The number of these elements vary from corps to corps.

STAFF: FAS, CORPS



TOE 52-2H, HQ & HQ CO., CORPS

FAS, CORPS

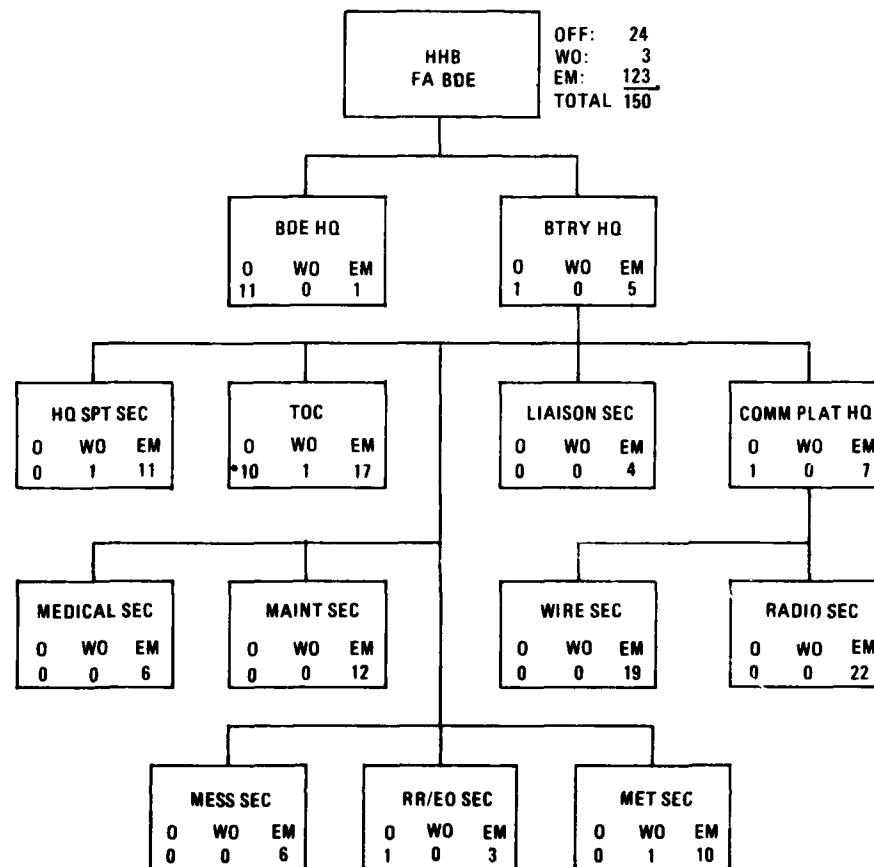
Personnel

- 1 BG Corps FSCOORD
- 1 O6 Deputy Corps FSCOORD
- 1 O5 AFSCOORD
- 1 O4 FA Intel Off
- 1 O4 FA Logistical Off
- 1 O5 FA Ops Off
- 1 O4 TA Staff Off
- 2 O4 Tm Ch
- 2 O3 Asst FA Ops Off
- 2 O3 Asst FA Intel Off
- 4 O3 Target Anal
- 1 E9 Ops Sgt
- 2 E8 Asst Op Sgt
- 1 E8 Intel Sgt
- 1 E7 Ch Surveyor (APPS)
- 2 E7 TA/Intel Sgt
- 1 E6 Amm Sup Sgt
- 2 E6 Asst Op Sgt
- 1 E6 Enlisted Aide
- 1 E6 Secy Steno
- 1 E5 Chauffer
- 2 E4 Ops Spec
- 1 E4 TA/Intel Spec
- 3 E5 Survey Comp (APPS)
- 4 E4 Clk Typist
- 1 E3 Lt Veh Driver
- 2 E4 Ops Spec
- 1 E4 Radio Op
- 1 E3 Radio Op
- 1 E5 Sr Radio Op
- 1 E5 TA/Intel Sp

Equipment

- 2 Alarm CML
- 1 Analytical photogrameteric positioning sys
- 13 Camouflage screen sys
- 13 Camouflage screen spt sys
- 4 Compass mag
- 1 Computer gun dir
- 2 Drafting equip set Bn
- 1 Duplicating mach spirit process
- 1 Duplicating mach stencil
- 5 FD set arty
- 2 Instal kit MK 1234
- 1 Instal kit MK 1429
- 2 Instal kit MK 1552
- 1 Interpretation kit photo
- 3 Plotting set arty fire control
- 2 Pwr sup assy veh
- 1 Radio set GRC-106
- 1 Radio set VRC-46
- 1 Rec/Trans control gp GRA-6
- 2 Speech sec equip KY-38
- 2 Tlr 1/4T
- 1 Tlr 3/4T
- 1 Trk 1 1/4t
- 2 Trk 1/4T
- 3 Trk van expansible 5T

TOE 6-401H
HEADQUARTERS & HEADQUARTERS BATTERY FIELD ARTILERY BRIGADE



* Four are Air Observers

MISSION: To provide tactical control and administrative supervision of attached FA units.

TOE 6-401H**BDE HQ****Personnel**

1 06 Bde Cmdr
 1 05 XO
 1 04 Chaplain
 1 04 CE Stf Off
 1 04 Bde Surgeon
 1 04 S1
 1 05 S3
 1 04 S4
 2 03 LO
 1 03 CML Off
 1 E9 CSM

Equipment

7 Pistol cal 45

BTRY HQ**Personnel**

1 03 BC
 1 E8 1st Sgt
 1 E6 Supply Sgt
 1 E5 Unit Clk
 1 E4 Armorer
 1 E3 Veh Driver

Equipment

1 Alarm CML
 143 Bayonet
 12 Camouflage screen sys
 12 Camouflage screen spt sys
 2 Charger radiac detector
 1 Compass mag
 1 Instal kit VRC-46
 2 Lchr gren 40mm
 2 MG 7.62mm w/tripod
 145 Mask CBR
 6 Night vision goggles
 3 Night vision sight
 1 Pistol cal 45
 1 Radiac set
 2 Radiacmeter IM-93
 1 Radiacmeter IM-174
 1 Radio set VRC-64
 135 Rifle 5.56mm
 1 Tel set TA-312
 1 Tool kit carpenter
 1 Tool kit sml arms
 1 Tlr 1½T
 1 Trk 2½T
 1 Trk ¼T
 25 Watch wrist

HQ SPT SEC**Personnel**

1 WO Food Advisor
 1 E8 Sr Reenlist NCO
 1 E8 Ch Supply Sgt
 1 E8 Food Svc Supv
 1 E7 Pers Stf NCO
 1 E5 Legal Clk

1 E5 Sr Chapel Act Sp
 1 E4 Clk Typist
 1 E4 Gen Supplyman
 2 E3 Veh Driver
 1 E3 Gen Supplyman

Equipment

2 Binocular
 18 Camouflage screen sys
 18 Camouflage screen spt sys
 1 Chest hymn book
 2 Compass mag
 1 Duplicating mach stencil
 1 Instal kit VRC-47
 1 Instal kit VRC-12/47
 1 Instal kit VRC-46
 1 Pwr sup assy veh
 1 Radio set VRC-46
 1 Radio set VRC-47
 1 Speech sec equip KY-38
 5 Tel set TA-312
 2 Tlr ¼T
 1 Tlr ¾T
 1 Trk 1¼T
 2 Trk ¼T

TOC**Personnel**

2 04 Ops/Intel Off
 4 Lt Air Observer
 2 03 CF Off
 1 03 Tac Intel Off
 1 Lt A. CML Off
 1 WO Sys Rpr Tech
 1 E9 Ops Sgt
 1 E8 Intel Sgt
 2 E7 CF NCO
 1 E6 CF NCO
 2 E7 TF Comp Opr
 1 E7 NBC Ops/Stf NCO
 2 E5 TF Equip Sp
 2 E4 TF Comp Sp
 2 E4 Clk Typist
 1 E4 Intel Anal
 2 E4 Ops Spec TF Comp Sp
 1 E3 TF Comp Sp

Equipment

1 Air conditioner
 1 Alarm CML
 1 Antenna AT-984
 4 Antenna RC-292
 6 Binocular
 2 Cable tel
 2 Cond fld wire
 3 Cable tel (¼ mi)
 17 Camouflage screen sys
 17 Camouflage screen spt sys
 1 Code changer key KYK-28
 6 Compass mag
 1 Duplicating mach spirit
 1 Duplicating mach stencil
 2 FD set arty
 1 FD set arty

1 Elec key half duplex
 2 Generator 1.5kw
 1 Generator 3kw
 1 Instal kit VRC-46 (M151)
 4 Instal kit VRC-46
 1 Instal kit MK 1552
 3 Instal kit MK 1553
 1 Instal kit MK elec
 2 Light set gen illum
 1 MG 7.62mm w/tripod
 4 Mask acct
 1 VFMED
 4 DMD
 6 Pistol cal 45
 2 Plotting set arty
 2 Pwr plant elec
 2 Pwr sup
 4 Pwr sup assy
 8 Radio set VRC-46
 5 Radio set control gp GRA-39
 2 Reeling mach RL-39
 4 Speech sec equip KY-38
 1 Switchboard tel SB-22
 6 Tape trans cart
 1 Tool kit FD arty
 1 Tool kit FD sys arty
 6 Tel set TA-312
 1 Tlr ¼T
 1 Tlr 1½T
 1 Trk ¼T
 2 Trk van expans 5T
 4 Trk 5T

LIAISON SECTION**Personnel**

2 E6 Ln Sgt
 2 E4 Ln Sp

Equipment

2 Antenna RC-292
 2 Cable tel (¼ mi)
 2 Camouflage screen sys
 2 Camouflage screen spt sys
 2 Code changer key KYK-28
 2 Compass mag
 2 DMD
 2 Elec key gen half duplex
 2 Headset micro
 2 Instal kit elec
 2 Generator 1.5kw
 2 Instal kit MK 1629
 2 Instal kit MK 1812
 2 Pwr sup assy
 2 Radio set VRC-46
 2 Radio set control gp GRA-39
 2 Reeling mach RL-39
 2 Speech sec equip KY-38
 2 Tel set TA-312
 2 Tool kit FD arty
 2 Tlr ¾T
 2 Trk 1¼T

COMM PLAT HQ

Personnel

- 1 Lt Plat Ldr
- 1 E8 Tac Comm Ch
- 1 E5 Tel Comm Cen Ops NCO
- 1 E4 Tel Comm Cen Op
- 1 E4 Tac Comm Cen OP/Mech
- 1 E4 Tel Comm Cen Op
- 1 E3 Tel Comm Cen Op
- 1 E3 Veh Driver

Equipment

- 2 Antenna RC-292
- 4 Cable tel (1/4 mi)
- 6 Camouflage screen sys
- 6 Camouflage screen spt sys
- 1 Code changer key KYK-28
- 1 Detecting set mine
- 1 Detecting set mine PSS-11
- 1 Elec TT sec equip TSEC/KW-7
- 1 Generator 1.5kw (AC)
- 1 Generator 1.5kw (DC)
- 1 Instal kit MK 1224
- 1 Instal kit MK 1552
- 1 Instal kit MK 1646
- 1 Multimeter
- 1 Pwr sup assy
- 2 Radiacmeter IM-93
- 2 Radiacmeter IM-174
- 1 Radio set VRC-49
- 2 Radio set control gp GRA-39
- 1 Reeling mach RL-39
- 1 Speech sec equip KY-38
- 1 Tac digital regen rptr
- 3 Tel set TA-312
- 1 TT set AN/PGC-1
- 1 TT set AN/GGC-3
- 1 Terminal TT TCC-29
- 1 Test set radio
- 1 Test set radio freq
- 1 Tool kit elec equip
- 1 Tlr 1/4T
- 1 Tlr 3/4T
- 1 Trk 1 1/4T
- 1 Trk 1/4T

WIRE SECTION

Personnel

- 1 E6 Tac Comm Ch
- 3 E5 Tac Wire Ops Tm Ch
- 4 E4 Tac Wire Ops Sp
- 11 E3 Tac Wire Ops Sp

Equipment

- 4 Cable assy tel CX 4566
- 8 Cable assy tel CX 4760
- 30 Cable tel (1 mi)
- 20 Cable tel 2 cond fld wire
- 6 Camouflage screen sys
- 6 Camouflage screen spt sys
- 6 Coil tel repeating
- 2 Lchr gren 40mm

- 1 MG 7.62mm w/tripod
- 3 Reeling mach RL-31
- 2 Reeling mach mtr driven
- 2 Splicing kit tel
- 3 Switchboard SB-22
- 12 Tel set TA-312
- 1 Test set tel
- 2 Trk 1 1/4T
- 1 Trk 2 1/2T
- 1 Trk 1/4T

RADIO SECTION

Personnel

- 2 E6 RATT Ops Supv
- 6 E5 RATT Ops Tm Ch
- 6 E4 RATT Opr
- 1 E4 Radio Op
- 1 E3 Radio Opr
- 6 E3 RATT Op

Equipment

- 8 Cable tel (1/4 mi)
- 14 Camouflage screen sys
- 14 Camouflage screen spt sys
- 6 Elec TT sec equip KW-7
- 1 Instal kit MK 1815
- 1 Gen 3kw
- 6 Gen 5kw
- 1 Radio set GRC-106
- 6 RATT set GRC-142
- 1 Rec/trans control gp
- 7 Reeling mach RL-39
- 7 Tel set TA-312
- 1 Tlr 3/4T
- 7 Trk 1 1/4T

MESS SECTION

Personnel

- 1 E7 Food Svc Sgt
- 1 E6 1st Cook
- 1 E5 Cook
- 2 E4 Cook
- 1 E3 Cook

Equipment

- 1 Accy outfit fld range
- 6 Camouflage screen sys
- 6 Camouflage screen spt sys
- 7 Heater immersion
- 3 Range outfit fld
- 1 Tel set TA-312
- 1 Tlr tk wtr
- 1 Trk 2 1/2T

MAINT SECTION

Personnel

- 1 E7 Motor Sgt
- 2 E5 Pwr Gen & Whl Veh Mech
- 1 E4 Equip Maint Clk
- 4 E4 GP Pwr Gen Opr/Whl Veh Mech

- 3 E3 Pwr Gen & Whl Veh Mech
- 1 E4 PLL Clk

Equipment

- 1 Cabinet tool/sp parts w/drwr
- 1 Cabinet tool/sp parts 3 shelves
- 1 Cabinet tool/sp parts 35 1/2H
- 5 Camouflage screen sys
- 5 Camouflage screen spt sys
- 1 Compressor
- 1 Generator 1.5kw
- 1 Generator 3kw
- 11 Mask CBR
- 1 Multimeter
- 1 Charger btry
- 1 Tank unit liquid disp
- 1 Tel set TA-312
- 1 Shop equip auto maint common
- 1 Shop equip auto maint org suppl
- 9 Tool kit mech
- 1 Tlr 1 1/2T
- 1 Trk 2 1/2T
- 1 Trk 2 1/2T w/winch
- 1 Trk 5T

MEDICAL SECTION

Personnel

- 1 E6 Sec Sgt
- 1 E6 Prac Nurse
- 1 E5 Medical Aidman
- 1 E4 Medical Aidman
- 1 E4 Amb Driver
- 1 E3 Amb Attendant

Equipment

- 1 Blanket set bed
- 9 Camouflage screen sys
- 9 Camouflage screen spt sys
- 10 Mask headwound
- 1 Medical equip set BN Aid Sta
- 1 Gen 1.5kw
- 1 Light set
- 1 Radiac set
- 6 Rifle 5.56mm
- 2 Shelter sys coll
- 1 Splint set
- 4 Surgical instr/sup set
- 1 Tel set TA-312
- 1 Tlr 3/4T
- 1 Trk amb 1 1/4T
- 1 Trk 1 1/4T
- 1 Watch wrist

RR/EO SECTION

Personnel

- 1 O4 RR/EO Off
- 1 E7 EO NCO
- 1 E6 EO NCO
- 1 E4 Clk Typist

Equipment

- 1 Pistol cal 45

MET SECTION

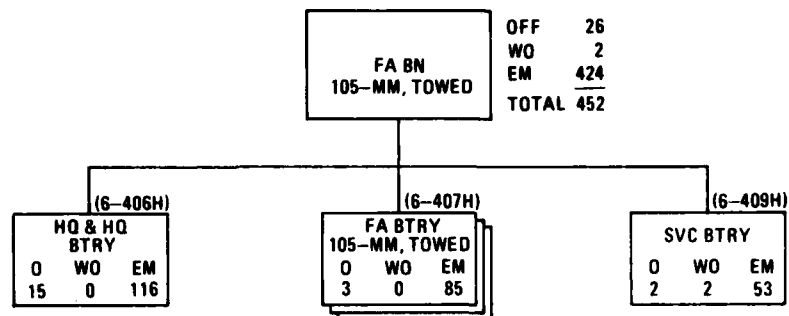
Personnel

- 1 WO Met Tech
- 1 E7 Met Sec Ch
- 1 E6 FA Met Crewman
- 1 E5 FA Met Crewman
- 1 E5 FA Met Crewman
- 3 E4 FA Met Crewman
- 3 E3 FA Met Crewman

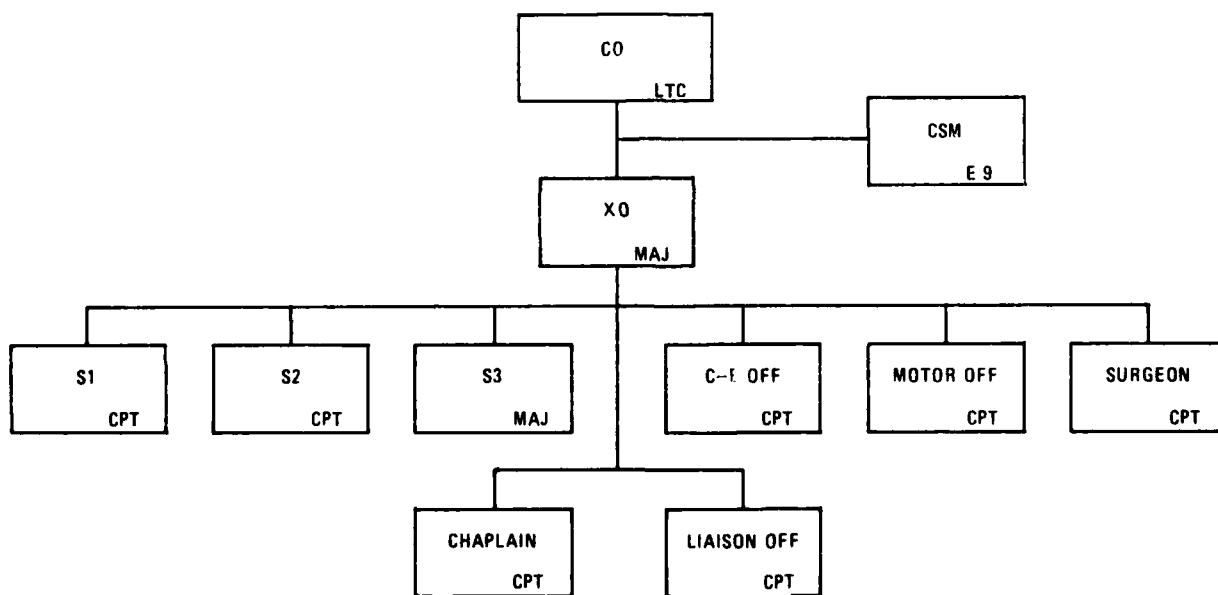
Equipment

- 1 Antenna RC-292
- 1 Barometer
- 1 Binocular
- 1 Cable tel (1/4 mi)
- 1 Calibrator freq
- 11 Camouflage screen sys
- 11 Camouflage screen spt sys
- 1 Compass mag
- 1 Generator 5kw
- 1 Instal kit GRC-125
- 1 MG 7.62mm w/tripod
- 1 Met station
- 1 Multimeter
- 1 Radio set VRC-46
- 1 Radio set control gp GRA-39
- 1 Radiosonde
- 1 Rawin set
- 1 Recording set weather
- 1 Reeling mach RL-39
- 1 Tel set TA-312
- 1 Tool kit elec equip
- 1 Tlr 1 1/2T
- 1 Tlr trk wtr
- 1 Trk 1 1/4T
- 2 Trk 2 1/2T

TOE 405H
FIELD ARTILLERY BATTALION, 105-MM, TOWED



STAFF (TOE 6-406H)



TOE 6-405H

MISSION: To provide field artillery fires in support of division or corps forces.

SUMMARY — MAJOR ITEMS OF EQUIPMENT

TRANSPORTATION

| | |
|----------------------------------|----|
| Truck, utility, 1/4-ton | 17 |
| Truck, cargo, 1 1/4-ton | 20 |
| Truck, ambulance, 1 1/4-ton | 1 |
| Truck, cargo, 2 1/2-ton | 30 |
| Truck, cargo, 2 1/2-ton, w/winch | 22 |
| Truck, wrecker, 5-ton | 1 |
| Trailer, cargo, 1/4-ton | 16 |
| Trailer, cargo, 3/4-ton | 7 |
| Trailer, cargo, 1 1/2-ton | 10 |
| Trailer, ammo, 1 1/2-ton | 14 |
| Trailer, tank, water, 1 1/2-ton | 5 |
| Gen st gas eng: TM | 2 |
| Tank, pump unit, trk-mounted | 1 |
| Tank, unit liqu dis, tlr-mounted | 1 |

MATERIEL

| | |
|--------------------------|-----|
| Howitzer, towed, 105-mm | 18 |
| Launcher, grenade, 40-mm | 37 |
| Machinegun, 7.62-mm | 46 |
| Machinegun, cal 50 | 6 |
| Rifle, 5.56-mm | 435 |
| Pistol, cal 45 | 16 |

COMMUNICATION

| | |
|---|----|
| Antenna, AT-984/G | 8 |
| Antenna, RC-292 | 21 |
| Axle, reel, RL-27 | 7 |
| Cable, tel, WD-1/TT, on reel, DR-8, 1/4 mi | 63 |
| Cable, tel, on reel, RL-159/U, 1 mi | 56 |

| | |
|--------------------------------|----|
| Cable, tel, WD-1/TT, 2 cond | 30 |
| Code changer key KYK-28/TSEC | 9 |
| Coil, tel repeating | 12 |
| Headset microphone | 33 |
| Radio set AN/GRC-160 | 8 |
| Radio set AN/VRC-46 | 12 |
| Radio set AN/VRC-47 | 11 |
| Radio set AN/VRC-48 | 1 |
| Radio set AN/VRC-49 | 2 |
| Speech secy equip KY-38 | 14 |
| Radio set control gp AN/GRA-39 | 18 |
| Radio TT set AN/GRC-142 | 2 |
| Switchboard, SB-22/PT | 7 |
| Switchboard, SB-993/GT | 4 |
| Telephone TA-1/PT | 6 |
| Telephone TA-312/PT | 97 |

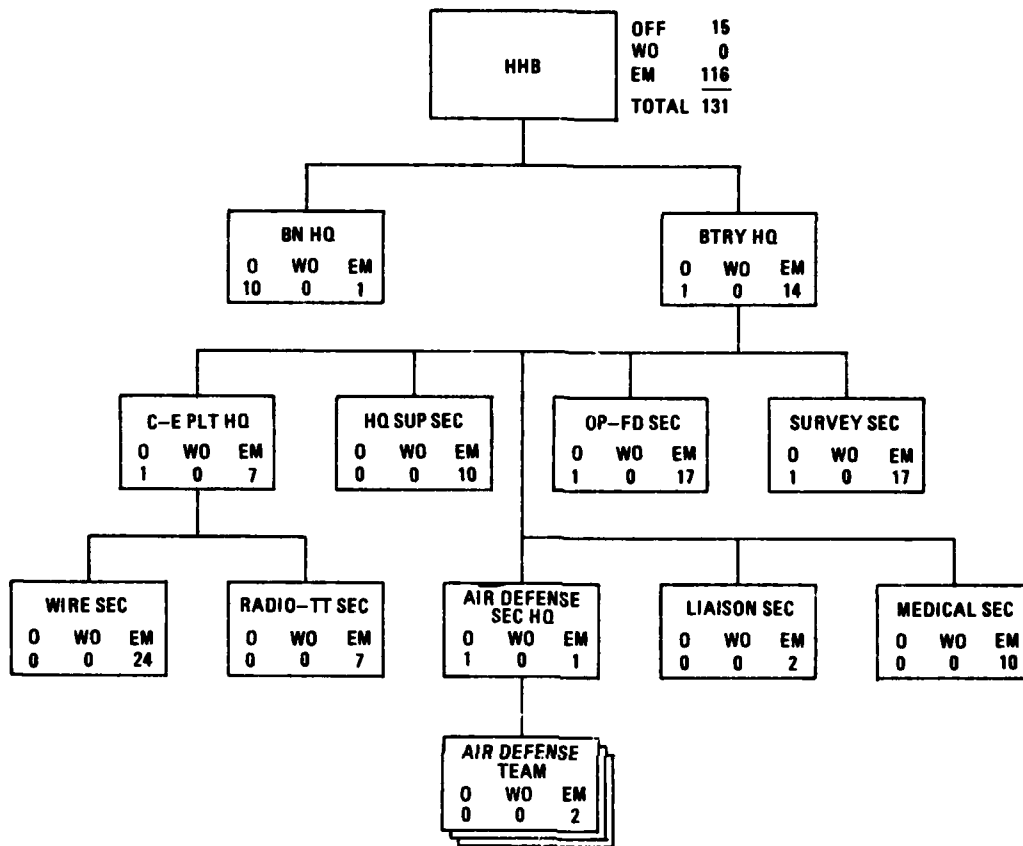
GUNNERY

| | |
|-----------------------------------|----|
| Aiming circle | 12 |
| Computer, gun direction | 4 |
| FD set, arty, 15,000 meter max rg | 9 |
| Plotting set, arty, fire control | 7 |

TARGET ACQUISITION

| | |
|---|----|
| Night vision goggles | 28 |
| Night vision sight indiv svd wpns | 20 |
| Night vision sight TVS-4 | 1 |
| Range finder, fire control (Laser) | 2 |
| Survey inst, a gyro | 1 |
| Survey set, arty, fire control, 4th order | 3 |
| Theodolite survey, 0.2 mil | 3 |

TOE 6-406H
HEADQUARTERS AND HEADQUARTERS BATTERY
FIELD ARTILLERY BATTALION, 105-MM, TOWED



MISSION: To direct/coordinate operations of the battalion.

TOE 6-406H

BN HQ

Personnel

1 05 Bn Cmdr
1 04 XO
1 04 S3
1 03 Bn Motor Off
1 03 Bn Surgeon
1 03 Chaplain
1 03 CE Stf Off
1 03 LO
1 03 S1
1 03 S2
1 E9 CSM

Equipment

Equipment is with other sections.

BTRY HQ

Personnel

1 03 BC
1 E8 1st Sgt
1 E7 Food Svc Sgt
1 E6 Supply Sgt
1 E6 Motor Sgt
1 E5 1st Cook
1 E5 Unit Clk
1 E4 Armorer
2 E4 Cook
1 E4 Equip Maint Clk
1 E4 Pwr Gen & Whl Veh Mech
2 E3 Pwr Gen & Whl Veh Mech
1 E3 Cook
1 E3 Lt Veh Driver

Equipment

1 Accy outfit fld range
1 Alarm CML
120 Bayonet
1 Binocular
1 Cabinet tool/sp parts w/18 drwrs
24 Camouflage screen sys
24 Camouflage screen spt sys
2 Charger radiac detector
1 Compass mag
1 Compressor
7 Heater immersion
1 Instal kit MK 1234
1 Lchr gren 40mm
4 Lchr rkt M190
1 MG 7.62mm w/tripod
131 Mask CBR
1 Multimeter
5 Night vision goggles
4 Night vision sight PVS-4
12 Pistol cal 45
1 Radiac set
2 Radiacmeter IM-93
1 Radiacmeter IM-174
1 Radio set GRC-160
3 Range outfit fld

118 Rifle 5.56mm

5 Tel set TA-312
1 Shop equip auto maint
3 Tool kit mech
1 Tool kit carpenter
1 Tool kit sml arms
1 Tlr ¼T
1 Tlr 1½T
1 Tlr tk wtr
2 Trk 2½T
1 Trk 2½T
1 Trk ¼T

HQ SPT SECTION

Personnel

1 E7 PAC Supv
1 E6 Reenlistment NCO
1 E6 Pers Stf NCO
1 E5 PAC Clk
1 E4 Chapel Act Sp
1 E4 Clk Typist
1 E4 PAC Clk
2 E3 PAC Clk
1 E5 Legal Clk

Equipment

2 Binocular
15 Camouflage screen sys
15 Camouflage screen spt sys
1 Chest hymn book
1 Code changer key KYK-28
2 Compass mag
1 Duplicating mach spirit proc
1 Instal kit MK 1246
1 Instal kit MK 1306
1 Instal kit M 1554
1 Pwr sup assy veh
1 Radio set VRC-46
1 Radio set VRC-47
1 Speech sec equip KY-38
4 Tel set TA-312
2 Tlr ¼T
1 Trk 1¼T
2 Trk ¼T

OPS-FD SECTION

Personnel

1 03 FDO
1 E8 Ops Sgt
1 E8 Intel Sgt
1 E7 Ch Fd Comp
1 E6 Asst Ch Fd Comp
1 E6 NBC Ops/Stf NCO
4 E5 FD Comp
3 E4 Chart Opr
1 E4 Clk Typist
1 E4 Intel Sp
1 E4 Ops Sp
1 E4 Tac Comm Sys Opr/Mech
1 E3 Veh Driver

Equipment

1 Alarm CML
1 Antenna AT-984
4 Antenna RC-292
6 Cable tel DR-8
20 Camouflage screen sys
20 Camouflage screen spt sys
1 Code changer key KYK-28
1 Computer gun dir
1 Duplicating mach stencil
3 FD set arty
1 Generator 1.5kw (120V)
3 Generator 1.5kw (28V)
2 Generator 3kw
4 Headset microphone
3 Instal kit VRC-46
2 Instal kit MK 1264
1 Instal kit MK 1306
1 Instal kit MK 1554
2 Instal kit MK 1663
2 Lchr gren 40mm
1 Light set gen
1 MG 7.62mm w/tripod
3 Plotting bd
1 Plotting set arty fire control
2 Pwr sup assy veh
5 Radio set VRC-46
1 Radio set VRC-47
4 Radio set control gp GRA-39
4 Reeling mach RL-39
2 Speech sec equip KY-38
6 Tel set TA-312
1 Tlr ¼T
1 Tlr ¾T
1 Tlr 1½T
1 Trk 1¼T
1 Trk 2½T
1 Trk ¼T

SURVEY SECTION

Personnel

1 Lt Recon/Survey Off
1 E7 Ch Surveyor
3 E6 Ch Surv. y Party
3 E5 Survey Comp
3 E4 Survey Comp/Recorder
3 E4 Instr Opr
1 E3 Lt Veh Opr
3 E3 Rodman/Tapeman

Equipment

3 Aiming circle
6 Binocular
19 Camouflage screen sys
19 Camouflage screen spt sys
1 Charger btry
1 Charger btry laser range finder
6 Compass mag
1 Instal kit MK 1234
3 Instal kit MK 1246
3 Lchr gren 40mm
3 MG 7.62mm w/tripod
1 Night vision sight TVS-4

- 2 Periscope BC
- 3 Radio set GRC-160
- 1 Radio set VRC-46
- 2 Range finder
- 1 Surveying instr az gyro
- 3 Surveying instr DME
- 3 Surveying set 4th order
- 3 Theodolite
- 1 Tlr ¼T
- 3 Tlr ¾T
- 3 Trk 1¼T
- 1 Trk ¼T

LIAISON SECTION

Personnel

- 1 E6 Ln Sgt
- 1 E4 Ln Sp

Equipment

- 1 Antenna AT-984
- 2 Antenna RC-292
- 1 Binocular
- 1 Cable tel DR-8
- 1 Camouflage screen sys
- 1 Camouflage screen spt sys
- 1 Charger btry range finder
- 1 Compass mag
- 1 Generator 1.5kw
- 1 Instal kit MK 1224
- 1 Instal kit MK 1552
- 1 Instal kit MK 1646
- 1 Pwr sup assy veh
- 1 Radio set VRC-49
- 2 Radio set control gp GRA-39
- 1 Reeling mach RL-39
- 1 Speech sec equip KY-38
- 1 Switchboard SB-993
- 1 Tac digital regen rpt
- 2 Tel set TA-312
- 1 Tlr ¼T
- 1 Trk ¼T

CE PLAT HQ

Personnel

- 1 Lt Plat Ldr
- 1 E8 Tac Comm Ch
- 1 E5 Tac Comm Sys Supv
- 1 E4 Tac Comm Sys Opr/Mech
- 2 E3 Tac Comm Sys Opr/Mech
- 1 E3 Veh Driver
- 1 E3 Tac Comm Sys Op/Mech

Equipment

- 2 Antenna RC-292
- 1 Binocular
- 1 Cable tel DR-8
- 4 Camouflage screen sys
- 4 Camouflage screen spt sys
- 1 Code changer key KYK-28
- 1 Compass mag
- 1 Detecting set mine
- 1 Detecting set mine PSS-11
- 1 Generator 1.5kw

- 1 Instal kit MK 1224
- 1 Instal kit MK 1552
- 1 Instal kit MK 1646
- 1 Inverter vibrator
- 1 Lchr gren 40mm
- 1 Multimeter
- 1 Pwr sup assy veh
- 2 Radiacmeter IM-93
- 1 Radiacmeter IM-174
- 1 Radio set VRC-49
- 1 Radio set control gp GRA-39
- 1 Reeling mach RL-39
- 1 Reproducer sig data
- 1 Speech sec equip KY-38
- 1 Tac digital regen rpt
- 2 Tel set TA-312
- 1 Test btry
- 1 Test set comp logic
- 1 Test set elec tube
- 1 Test set radio
- 1 Test set radio freq
- 2 Tool kit elec equip
- 1 Trk 1¼T
- 1 Trk ¼T

WIRE SECTION

Personnel

- 1 E6 Tac Comm Ch
- 4 E5 Tac Wire Ops Tm Ch
- 5 E4 Tac Wire Ops Sp
- 14 E3 Tac Wire Ops Sp

Equipment

- 4 Axle cable RL-27
- 2 Cable assy tel CX 4566
- 4 Cable assy tel CX 4760
- 35 Cable assy tel RL-159
- 10 Cable tel 2 cond fld wire
- 9 Camouflage screen sys
- 9 Camouflage screen spt sys
- 8 Coil tel C-161
- 4 Lchr gren 40mm
- 4 MG 7.62mm w/tripod
- 4 Reeling mach cable RL-31
- 4 Reeling mach RL-172
- 4 Splicing kit tel
- 3 Switchboard SB-22
- 8 Tel set TA-312
- 4 Trk 1¼T
- 1 Trk ¼T

RATT SECTION

Personnel

- 1 E6 RATT Ops Supv
- 2 E5 RATT Ops Tm Ch
- 2 E4 RATT Opr
- 2 E3 RATT Opr

Equipment

- 2 Cable tel DR-8
- 6 Camouflage screen sys
- 6 Camouflage screen spt sys
- 2 Elec TT sec equip KW-7

- 2 Generator 5kw
- 2 Headset microphone
- 2 RATT set GRC-142
- 2 Reeling mach RL-39
- 2 Tel set TA-312
- 2 Trk 1¼T

MEDICAL SECTION

Personnel

- 1 E6 Sec Sgt
- 1 E6 Prac Nurse
- 1 E5 Medical Aidman
- 4 E4 Btry Aidman
- 1 E4 Medical Aidman
- 1 E4 Amb Driver
- 1 E3 Amb Attendant

Equipment

- 1 Blanket set bed
- 9 Camouflage screen sys
- 9 Camouflage screen spt sys
- 10 Mask headwound
- 1 Medical equip set BN Aid Sta
- 1 Radiac set
- 1 Splint set
- 8 Surgical instr/sup set
- 1 Tel set TA-312
- 1 Trk amb 1¼T
- 1 Trk 1¼T

AD SECTION

Personnel

- 1 Lt Sec Ldr
- 1 E6 Sec Sgt

Equipment

- 1 Cable tel DR-8
- 1 Camouflage screen sys
- 1 Camouflage screen spt sys
- 1 Display set tgt alert data
- 1 Instal kit MK 1225
- 1 Radio set VRC-48
- 1 Radio set control gp GRA-39
- 1 Reeling mach RL-39
- 1 Code changer key
- 1 Gen 1.5kw
- 2 Interrogator set
- 1 Interrogator computer
- 1 Programmer inter set
- 1 Tng set GM (Stinger)
- 1 Tng set GM (Redeye)
- 1 Tel set TA-312
- 1 Tlr ¼T
- 1 Trk ¼T

(3) AD TEAMS

Personnel

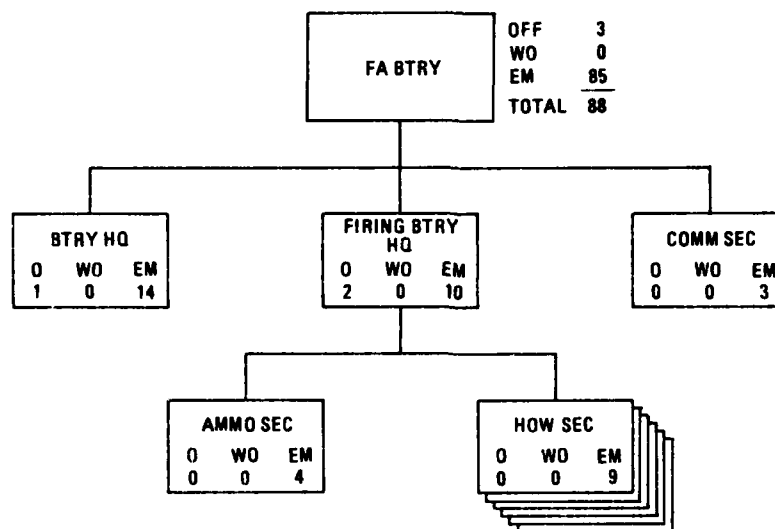
- 3 E5 Redeye Tm Ch
- 3 E4 Redeye Gunner

Equipment

- 6 Binocular
- 3 Cable tel DR-8

3 Camouflage screen sys
3 Camouflage screen spt sys
3 Display set tgt alert data
3 GM sys intercept aerial tng
3 Harness GM trans
6 Interrogator set (Stinger)
3 Instal kit MK 1234
3 Radio set GRC-160
3 Reeling mach RL-39
6 Tel set TA-1
3 Tlr ¼T
3 Trk ¼T
1 Trainer handling GM lchr
(Stinger)

TOE 6-407H
FIELD ARTILLERY BATTERY
FIELD ARTILLERY BATTALION, 105-MM, TOWED



MISSION: To provide a firing component of the battalion to which assigned.

TOE 6-407H

BTRY HQ

Personnel

1 O3 BC
1 E8 1st Sgt
1 E6 Food Svc Sgt
1 E6 Supply Sgt
1 E6 Motor Sgt
1 E5 NBC Ops NCO
1 E5 1st Cook
1 E4 Armorer
1 E4 Cook
1 E4 Equip Maint Clk
1 E4 Pwr Gen/Whl Veh Mech
2 E3 Pwr Gen/Whl Veh Mech
1 E3 Cook
1 E3 Veh Driver

Equipment

1 Accy outfit fld range
88 Bayonet
1 Binocular
1 Cabinet tool/sp parts w/18
drwrs
1 Cabinet tool/sp parts
1 Cable tel DR-8
24 Camouflage screen sys
19 Camouflage screen spt sys
2 Charger radiac detector
1 Code changer key KYK-28
1 Compass mag
1 Compressor
4 Heater immersion
1 Instal kit MK 1306
1 Instal kit MK 1554
2 Lchr gren 40mm
4 Lchr rkt M190
2 MG 7.62mm w/tripod
1 MG 50 cal w/mount
88 Mask CBR
1 Multimeter
6 Night vision goggles
4 Night vision sight PVS-4
1 Pistol cal 45
1 Pwr sup assy veh
1 Radiac set
2 Radiacmeter IM-93
1 Radiacmeter IM-174
1 Radio set VRC-47
2 Range outfit fld
87 Rifle 5.56mm
1 Speech sec equip auto maint
2 Tel set TA-312
3 Tool kit mech
1 Tool kit carpenter
1 Tool kit sml arms
1 Tlr 1½T
1 Tlr tk wtr
2 Trk 2½T
1 Trk 2½T w/winch
1 Trk ¼T
6 Watch wrist

COMM SECTION

Personnel

1 E6 Tac Comm Ch
1 E4 Tac Wire Ops Sp
1 E3 Tac Wire Ops Sp

Equipment

1 Axle cable RL-27
7 Cable tel RL-159 (1 mi)
6 Cable tel 2 cond fld wire
1 Detecting set mine
1 Detecting set mine PSS-11
1 Lchr gren 40mm
1 Reeling mach RL-31
1 Switchboard SB-22
5 Tel set TA-312

FB HQ

Personnel

1 Lt XO
1 Lt FDO
1 E7 Ch of FB
1 E7 Gunnery Sgt
1 E6 Ch FD Comp
2 E5 FD Comp
3 E4 Chart Opr
1 E4 FA Wpns Mech
1 E3 Radio Opr

Equipment

3 Aiming circle
2 Alarm CML
2 Antenna AT-984
4 Antenna RC-292
2 Binocular
6 Cable tel DR-8
8 Camouflage screen sys
6 Camouflage screen spt sys
1 Code changer key KYK-28
2 Compass mag
1 Computer gun dir
2 FD set arty
1 Generator 1.5kw (120V)
1 Generator 1.5kw (28V)
2 Generator 3kw (AC)
1 Generator 3kw (DC)
3 Headset microphone
1 Instal kit MK 1246
2 Instal kit MK 1253
2 Instal kit MK 1663
2 Lchr gren 40mm
1 Light set chart fld
1 Light set gen illum
3 Plotting bd
2 Plotting set arty fire control
1 Purging kit FC
2 Pwr sup assy veh
2 Radiacmeter IM-93
1 Radiacmeter IM-174
1 Radio set VRC-46
2 Radio set VRC-47
4 Radio set control GP GRA-39

2 Reeling mach RL-39
2 Speech sec equip KY-38
1 Switchboard SB-993
1 Tel conn/switching gp MX-155
5 Tel set TA-312
1 Tool kit arty mech
1 Tlr ¾T
2 Trk 1¼T

(6) HOWITZER SECTIONS

Personnel

6 E6 Sec Ch
6 E5 Gunner
6 E4 Asst Gunner
6 E4 Prime Mover Driver
30 E3 Cannoneer

Equipment

6 Cable tel DR-8
36 Camouflage screen sys
36 Camouflage screen spt sys
6 Compass mag
6 Headset microphone
6 Howitzer 105mm towed
6 MG 7.62mm w/tripod
6 Radio set control gp GRA-39
6 Reeling mach RL-39
6 Tel set TA-312
6 Trk 2½T w/winch

AMMO SECTION

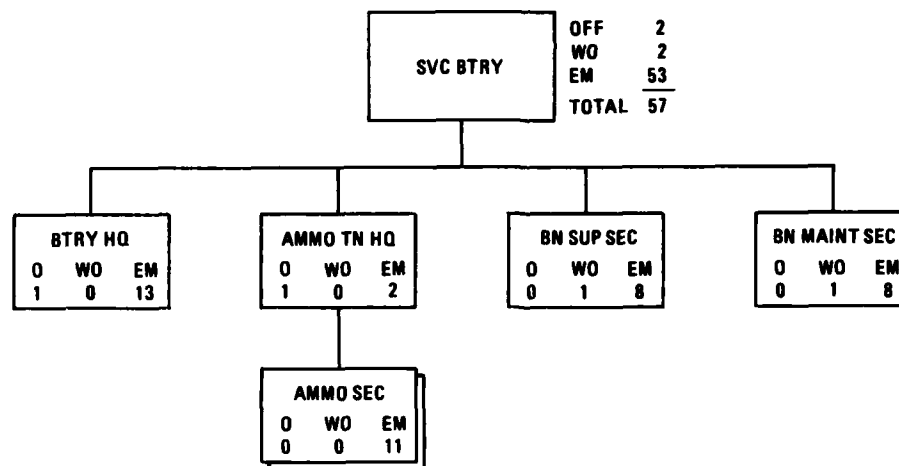
Personnel

1 E5 Sec Ch
2 E3 Veh Driver
1 E3 Ammo Handler

Equipment

2 Cable tel DR-8
6 Camouflage screen sys
3 Camouflage screen spt sys
2 Lchr gren 40mm
1 MG 50 cal w/mount
1 MG 7.62mm w/tripod
1 Tel set TA-312
2 Tlr ammo 1½T
2 Trk 2½T

TOE 6-409H
SERVICE BATTERY
FIELD ARTILLERY BATTALION, 105-MM, TOWED



MISSION: To procure and distribute all classes of supplies to units of the battalion, maintain appropriate material and supply records, transport a portion of the battalion's basic load of ammunition, and perform organizational maintenance functions not otherwise accomplished within the battalion.

TOE 6-409H
BTRY HQ
Personnel

1 O3 BC
1 E8 1st Sgt
1 E6 Food Svc Sgt
1 E6 Supply Sgt
1 E6 Motor Sgt
1 E5 NBC Ops NCO
1 E5 1st Cook
1 E4 Armorer
1 E4 Equip Maint Clk
1 E4 Tac Wire Ops spec
1 E4 Pwr Gen/Whl Veh Mech
1 E3 Pwr Gen/Whl Veh Mech
1 E3 Cook
1 E3 Lt Veh Driver

Equipment

1 Accy outfit fld range
1 Alarm CML
1 Antenna RC-292
57 Bayonet
1 Binocular
1 Cabinet tool/sp parts w/drwr
4 Cable tel DR-8
2 Cable tel 2 cond fld wire
30 Camouflage screen sys
30 Camouflage screen spt sys
2 Charger radiac detector
4 Coil tel repeating
1 Compass mag
1 Compressor
1 Detecting set mine
1 Detecting set mine PSS-11
1 Generator 1.5kw
4 Heater immersion
1 Instal kit MK 1234
1 Lchr gren 40mm
1 MG 7.62mm w/tripod
57 Mask CBR
5 Night vision goggles
4 Night vision sight PVS-4
1 Pistol cal 45
1 Radiac set
2 Radiacmeter IM-93
1 Radiacmeter IM-174
1 Radio set VRC-46
1 Radio set control gp GRA-39
2 Range outfit fld
4 Reel cable DR-8
2 Reeling mach RL-39
56 Rifle 5.56mm
1 Switchboard SB-22
1 Shop equip auto maint
6 Tel set TA-312
2 Tool kit mech
1 Tool kit carpenter
1 Tool kit sml arms
1 Tlr 1½T
1 Tlr tk wtr
2 Trk 2½T
1 Trk ¼T

BN SUPPLY SECTION
Personnel

1 WO Unit Supply Tech
1 E7 Supply Sgt
1 E5 Gen Supplyman
1 E4 Veh Driver
2 E4 Gen Supplyman
1 E3 Gen Supplyman
2 E3 Veh Driver

Equipment

31 Camouflage screen sys
31 Camouflage screen spt sys
1 Generator 1.5kw
1 Lchr gren 40mm
1 Light set gen illum
1 MG 7.62mm w/tripod
1 Tank/pump unit liquid disp
1 Tank unit liquid dips
1 Tel set TA-312
3 Tlr 1½T
2 Trk 2½T
1 Trk 5T

BN MAINT SECTION
Personnel

1 WO Auto Maint Tech
1 E7 Motor Sgt
1 E5 Pwr Gen/Whl Veh Mech
1 E4 PLL Clk
1 E4 Welder
1 E4 Pwr Gen/Whl Veh Mech
1 E4 Wrecker Opr
2 E3 Pwr Gen/Whl Veh Mech

Equipment

1 Alarm CML
1 Cabinet tool/sp parts 3 shelves
18 Camouflage screen sys
18 Camouflage screen spt sys
1 Compressor
1 Generator 1.5kw
2 Generator 3kw
1 Heater duct type
1 Instal kit MK 1234
1 Lchr gren 40mm
1 MG 7.62mm w/tripod
1 Multimeter
2 Charger btry
1 Radio set GRC-160
1 Tel set TA-312
1 Shop equip auto maint
5 Tool kit mech
1 Tool kit welders
1 Tlr ¼T
1 Tlr 1½T
1 Trk 2½T
1 Trk ¼T
1 Trk 5T

AMMO TRAIN HQ
Personnel

1 Lt Ammo Off
1 E7 Ammo Sgt
1 E4 Ammo Clk

Equipment

1 Alarm CML
5 Camouflage screen sys
5 Camouflage screen spt sys
1 Instal kit MK 1246
2 Radiacmeter IM-93
1 Radiacmeter IM-174
1 Radio set VRC-46
1 Tel set TA-312
1 Trk 1¼T

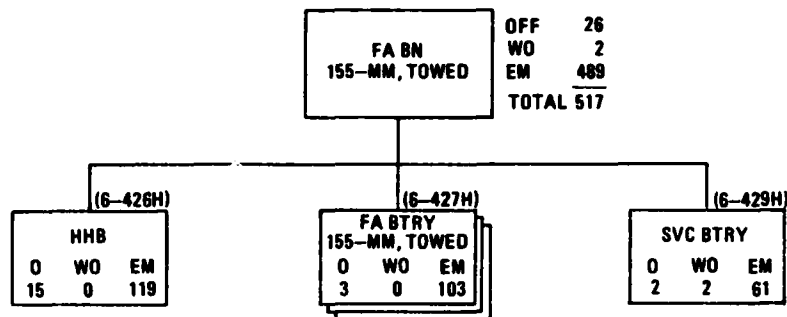
(2) AMMO SECTIONS
Personnel

2 E5 Sec Ch
10 E4 Lt Veh Driver
10 E3 Ammo Handler

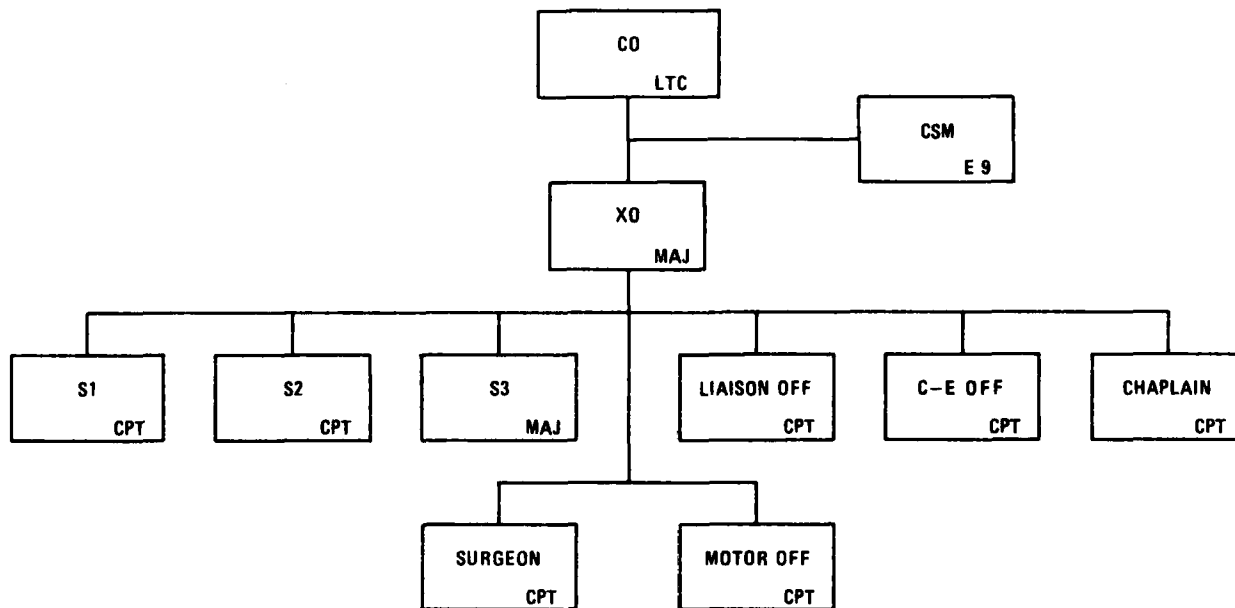
Equipment

38 Camouflage screen sys
38 Camouflage screen spt sys
2 Lchr gren 40mm
4 MG 7.62mm w/tripod
10 Tlr ammo 1½T
10 Trk 2½T

TOE 6-425H
FIELD ARTILLERY BATTALION, 155-MM, TOWED



STAFF (TOE 6-426H)



TOE 6-425H

MISSION: To provide field artillery fire support, including nuclear fire, to units of a division or a corps.

SUMMARY — MAJOR ITEMS OF EQUIPMENT

TRANSPORTATION

| | |
|--|----|
| Tank and Pump Unit (trk-mounting) | 1 |
| Tank unit (tlr-mounting) | 1 |
| Trailer, cargo, 1/4-ton | 13 |
| Trailer, cargo, 1 1/2-ton | 10 |
| Trailer, tank, water, 400-gal, 1 1/2 ton | 5 |
| Truck, ambulance, 1/4-ton, 4 x 4 | 1 |
| Truck, cargo, 1 1/4-ton, 6 x 6 | 23 |
| Truck, cargo, 2 1/2-ton, 6 x 6 | 14 |
| Truck, cargo, 2 1/2-ton, 6 x 6, w/winch | 4 |
| Truck, cargo, 5-ton, 6 x 6 | 20 |
| Truck, cargo, 5-ton, 6 x 6, w/winch | 18 |
| Truck, utility, 1/4-ton, 4 x 4 | 17 |
| Truck, wrecker, 5-ton, 6 x 6 | 1 |
| Truck, cargo, 5-ton, 8 x 8 | 1 |

MATERIEL

| | |
|--------------------------|-----|
| Howitzer, towed, 155-mm | 18 |
| Launcher, grenade, 40-mm | 40 |
| Machinegun, 7.62-mm | 47 |
| Pistol, cal 45 | 17 |
| Rifle, 5.56-mm | 499 |

COMMUNICATIONS

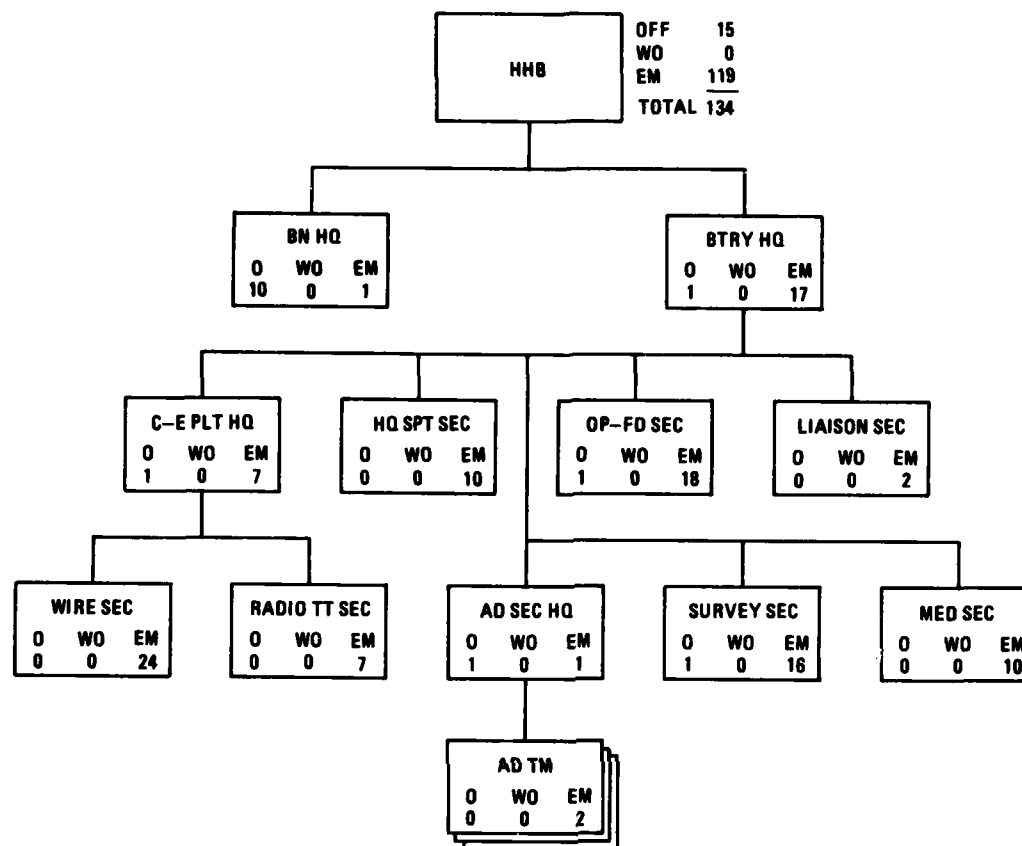
| | |
|--|----|
| Antenna, AT-984/G | 7 |
| Antenna, RC-292 | 21 |
| Cable assembly, tel, cX 4566/G | 2 |
| Cable, assembly, tel, CX 4760/U, 15 ft | 4 |
| Cable, tel, WD-1/TT, DR-8, 1/4 mi | 66 |

| | |
|-------------------------------------|----|
| Cable, tel, WD-1/TT, RL-159/U, 1 mi | 56 |
| Cable, tel, WD-1/TT, 2 conductor | 28 |
| Elec TT sec equip TSEC/KW-7 | 2 |
| Radio set AN/GRC-160 | 5 |
| Radio set AN/PRC-77 | 6 |
| Radio set AN/VRC-46 | 13 |
| Radio set AN/VRC-47 | 11 |
| Radio set AN/VRC-48 | 1 |
| Radio set AN/VRC-49 | 1 |
| Radio set control gp AN/GRA-39 | 21 |
| Radio TT set AN/GRC-142 | 2 |
| Radio set control, CZ328/GRA-39 | 18 |
| Reeling machine, cable, hand, RL-31 | 7 |
| Reeling machine, cable, hand, RL-39 | 40 |
| Speech security equipment | |
| TSEC/KY-38 | 17 |
| Switchboard, tel, man, SB-22/PT | 8 |
| Tel connecting and switching gp | |
| MX-155/GT | 3 |
| Telephone set TA-1/PT | 6 |
| Telephone set TA-312/PT | 98 |

GUNNERY

| | |
|-------------------------------------|----|
| Aiming circle | 12 |
| Computer, gun direction | 4 |
| FD set, arty, 25,000 mile max rg | 10 |
| Plotting board, arty/inf, in meters | 13 |
| Plotting set, arty fire control | 7 |
| Range finder, fire control | 2 |

TOE 426H
HEADQUARTERS AND HEADQUARTERS BATTERY
FIELD ARTILLERY BATTALION, 155-MM, TOWED



MISSION: To direct and coordinate operations of the battalion and to provide facilities with which the battalion commander can control the battalion.

TOE 6-426H

BN HQ

Personnel

- 1 05 Bn Cmdr
- 1 04 XO
- 1 04 S3
- 1 03 Bn Motor Off
- 1 03 Bn Surgeon
- 1 03 Chaplain
- 1 03 CE Stf Off
- 1 03 LO
- 1 03 S1
- 1 03 S2
- 1 E9 CSM

Equipment

- 9 Bayonet
- 11 Mask CBR
- 4 Pistol cal 45
- 6 Rifle 5.56mm

BTRY HQ

Personnel

- 1 03 BC
- 1 E8 1st Sgt
- 1 E7 Food Svc Sgt
- 1 E6 Motor Sgt
- 1 E6 Supply Sgt
- 1 E5 1st Cook
- 1 E5 Pwr Gen/Whl Veh Mech
- 1 E4 Armorer
- 2 E4 Cook
- 2 E4 GP Pwr Gen Opr/Mech
- 1 E4 Equip Maint Clk
- 1 E4 PLL Clk
- 1 E3 Cook
- 1 E3 Lt Veh Driver
- 2 E3 Pwr Gen/Whl Veh Mech

Equipment

- 1 Accy outfit fld range
- 1 Alarm CML
- 18 Bayonet
- 1 Binocular
- 1 Cabinet tool/sp parts w/18 drwrs
- 1 Cabinet tool/sp parts 35½H
- 24 Camouflage screen sys
- 24 Camouflage screen spt sys
- 1 Charger btry
- 3 Charger radiac detector
- 1 Compass mag
- 1 Compressor
- 7 Heater immersion
- 1 Instal kit MK 1234
- 1 Lchr gren 40mm
- 4 Lchr rkt, prac
- 3 MG 7.62mm w/tripod
- 18 Mask CBR
- 1 Multimeter
- 5 Night vision goggles
- 4 Night vision sight PVS-4

- 1 Pistol cal 45
- 2 Radiacmeter IM-93
- 1 Radiacmeter IM-174
- 1 Radio set GRC-160
- 3 Range outfit fld
- 17 Rifle 5.56mm
- 5 Tel set TA-312
- 1 Shop equip auto maint
- 5 Tool kit mech
- 1 Tool kit carpenter
- 1 Tool kit sml amrs
- 1 Tlr ¼T
- 1 Tlr 1½T
- 1 Tlr tk wtr
- 3 Trk 2½T
- 1 Trk ¼T
- 14 Watch wrist

HQ SUPPORT SECTION

Personnel

- 1 E7 PAC Supv
- 1 E6 Reenlist NCO
- 1 E6 Pers Stf NCO
- 1 E5 Legal Clk
- 1 E5 PAC Clk
- 1 E4 Chapel Act Sp
- 1 E4 Clk Typist
- 1 E4 PAC Clk
- 2 E3 PAC Clk

Equipment

- 10 Bayonet
- 2 Binocular
- 11 Camouflage screen sys
- 11 Camouflage screen spt sys
- 1 Chest hymn book
- 2 Compass mag
- 1 Duplicating mach spirit
- 1 Instal kit MK 1246
- 1 Instal kit MK 1306
- 1 Instal kit MK 1554
- 1 Instal kit MK 1663
- 10 Mask CBR
- 2 Pwr sup assy veh
- 1 Radio set VRC-46
- 1 Radio set VRC-47
- 10 Rifle 5.56mm
- 2 Speech sec equip KY-38
- 3 Tel set TA-312
- 2 Tlr ¼T
- 1 Trk 1¼T
- 2 Trk ¼T

OPS-FD SECTION

Personnel

- 1 03 Asst S3
- 1 E8 Intel Sgt
- 1 E8 Ops Sgt
- 1 E7 Ch FD Comp
- 1 E6 Asst Ch FD Comp
- 6 E5 FD Comp
- 1 E6 NBC Ops/Stf NCO
- 2 E4 Chart Opr

- 1 E4 Clk Typist
- 1 E4 Intel Spec
- 1 E4 Ops Spec
- 1 E4 Tac Wire Ops Sp
- 1 E3 Radio Opr

Equipment

- 1 Alarm CML
- 1 Antenna AT-984
- 5 Antenna RC-292
- 19 Bayonet
- 2 Binocular
- 5 Cable tel DR-8
- 14 Camouflage screen sys
- 14 Camouflage screen spt sys
- 1 Code changer key KYK-28
- 2 Compass mag
- 1 Computer gun dir
- 1 Duplicating mach stencil
- 4 FD set arty
- 1 Generator 1.5kw (120V)
- 3 Generator 1.5kw (28V)
- 2 Generator 3kw
- 4 Headset microphone
- 2 Instal kit MK 1234
- 2 Instal kit MK 1246
- 1 Instal kit MK 1306
- 1 Instal kit MK 1554
- 2 Instal kit MK 1663
- 2 Lchr gren 40mm
- 1 Light set gen illum
- 1 Locking device atomic
- 1 MG 7.62mm w/tripod
- 19 Mask CBR
- 4 Plotting bd
- 1 Plotting set arty
- 2 Pwr sup assy veh
- 2 Radiacmeter IM-93
- 1 Radiacmeter IM-174
- 5 Radio set VRC-46
- 1 Radio set VRC-47
- 5 Radio set control gp GRA-39
- 5 Reeling mach RL-39
- 10 Rifle 5.56mm
- 2 Speech sec equip KY-38
- 1 Switchboard SB-22
- 8 Tel set TA-312
- 1 Tlr ¼T
- 1 Tlr 1½T
- 1 Trk 1¼T
- 1 Trk 2½T
- 1 Trk ¼T

SURVEY SECTION

Personnel

- 1 Lt Recon/Survey Off
- 1 E7 Ch Surveyor
- 3 E6 Ch Survey Party
- 3 E5 Survey Comp
- 3 E4 Survey Comp/Recorder
- 3 E4 Instr Opr
- 3 E3 Rodman/Tapeman

Equipment

- 3 Aiming circle
- 17 Bayonet
- 8 Binocular
- 12 Camouflage screen sys
- 12 Camouflage screen spt sys
- 1 Charger btry
- 8 Compass mag
- 1 Instal kit MK 1234
- 3 Lchr gren 40mm
- 6 Light sig survey
- 2 MG 7.62mm w/tripod
- 17 Mask CBR
- 2 Periscope BC
- 1 Radiacmeter IM-93
- 1 Radiacmeter IM-174
- 6 Radio set PRC-77
- 1 Radio set VRC-46
- 2 Range finder laser
- 17 Rifle 5.56mm
- 2 Surveying instr az gyro
- 3 Surveying instr DME
- 3 Surveying set 4th order
- 3 Theodolite survey
- 3 Trk 1/4T
- 1 Trk 1/4T

LIAISON SECTION**Personnel**

- 1 E6 Ln Sgt
- 1 E4 Ln Sp

Equipment

- 1 Antenna RC-292
- 2 Bayonet
- 1 Binocular
- 1 Cable tel DR-8
- 2 Camouflage screen sys
- 2 Camouflage screen spt sys
- 1 Compass mag
- 1 Generator 1.5kw
- 1 Instal kit MK 1234
- 1 Instal kit MK 1552
- 2 Mask CBR
- 1 Pwr sup assy veh
- 1 Radio set VRC-46
- 1 Radio set control gp GRA-39
- 1 Reeling mach RL-39
- 2 Rifle 5.56mm
- 1 Speech sec equip KY-38
- 1 Tel set TA-312
- 1 Tlr 1/4T
- 1 Trk 1/4T

CE PLAT HQ**Personnel**

- 1 Lt Plat Ldr
- 1 E8 Tac Comm Ch
- 1 E5 Tac Comm Sys Supv
- 2 E3 Tac Comm Sys Op/Mech
- 1 E4 Tac Wire Ops Sp
- 1 E3 Tac Wire Ops Sp
- 1 E3 Veh Driver

Equipment

- 2 Antenna RC-292
- 8 Bayonet
- 1 Binocular
- 1 Cable tel DR-8
- 6 Camouflage screen sys
- 6 Camouflage screen spt sys
- 1 Code changer key KYK-28
- 1 Compass mag
- 1 Detecting set mine
- 1 Detecting set mine PSS-11
- 1 Generator 1.5kw
- 1 Instal kit MK 1224
- 1 Instal kit MK 1552
- 1 Instal kit MK 1656
- 1 Inverter vibrator
- 1 Lchr gren 40mm
- 8 Mask CBR
- 1 Multimeter
- 1 Pwr sup assy veh
- 2 Radiacmeter IM-93
- 1 Radiacmeter IM-174
- 1 Radio set VRC-49
- 1 Radio set control gp GRA-39
- 1 Reeling mach RL-39
- 1 Reproducer sig data
- 8 Rifle 5.56mm
- 1 Speech sec equip KY-38
- 1 Tac digital regen rpt
- 2 Tel set TA-312
- 1 Test btry
- 1 Test set comp logic
- 1 Test set elec tube
- 1 Test set radio
- 1 Test set radio freq
- 3 Tool kit elec equip
- 1 Tlr 1/4T
- 1 Trk 1/4T
- 1 Trk 1/4T

WIRE SECTION**Personnel**

- 1 E6 Tac Comm Ch
- 4 E5 Tac Wire Ops Tm Ch
- 5 E4 Tac Wire Ops Sp
- 14 E3 Tac Wire Ops Sp

Equipment

- 4 Axle cable RL-27
- 24 Bayonet
- 2 Cable tel assy CX 4566
- 4 Cable tel assy CX 4760
- 35 Cable tel RL-159
- 10 Cable tel 2 cond fld wire
- 9 Camouflage screen sys
- 9 Camouflage screen spt sys
- 8 Coil tel repeating
- 4 Lchr gren 40mm
- 4 MG 7.62mm w/tripod
- 24 Mask CBR
- 4 Reeling mach RL-31
- 4 Reeling mach RL-172G
- 24 Rifle 5.56mm

- 4 Splicing kit tel
- 3 Switchboard SB-22
- 8 Tel set TA-312
- 4 Trk 1/4T
- 1 Trk 1/4T

RATT SECTION**Personnel**

- 1 E5 RATT Ops Supv
- 2 E5 RATT Ops Tm Ch
- 2 E4 TM Ch RATT Opr
- 2 E3 RATT Opr

Equipment

- 7 Bayonet
- 2 Cable tel DR-8
- 4 Camouflage screen sys
- 4 Camouflage screen spt sys
- 2 Elec TT sec equip KW-7
- 2 Generator 5kw
- 2 Headset microphone
- 7 Mask CBR
- 2 RATT set GRC-142
- 7 Rifle 5.56mm
- 2 Tel set TA-312
- 2 Trk 1/4T
- 2 Reeling mach RL-39

MEDICAL SECTION**Personnel**

- 1 E6 Sec Sgt
- 1 E6 Prac Nurse
- 1 E5 Medical Aidman
- 4 E4 Btry Aidman
- 1 E4 Medical Aidman
- 1 E4 Amb Driver
- 1 E3 Amb Attendant

Equipment

- 1 Blanket set bed
- 10 Camouflage screen sys
- 10 Camouflage screen spt sys
- 1 Gen 1.5kw
- 1 Lt set gen
- 10 Mask headwound
- 10 Mask CBR
- 1 Med equip set Bn Aid Sta
- 4 Pistol cal 45
- 1 Radiac set
- 6 Rifle 5.56mm
- 1 Splint set
- 8 Surgical instr/sup set
- 1 Tel set TA-312
- 1 Trk amb 1/4T
- 1 Trk 1/4T
- 1 Watch wrist

AD SECTION HQ**Personnel**

- 1 Lt Sec Ldr
- 1 E6 Sec Sgt

Equipment

- 2 Bayonet
- 1 Cable tel DR-8
- 1 Camouflage screen sys
- 1 Camouflage screen spt sys
- 1 Display set tgt alert data
- 1 Instal kit MK 1225
- 2 Code changer key
- 1 Gen 1.5kw
- 2 Interrogator set
- 1 Interrogator computer
- 1 Programmer interrogator
- 2 Mask CBR
- 1 Radio VRC-48
- 1 Radio set control gp GRA-39
- 1 Reeling mach RL-39
- 2 Rifle 5.56mm
- 1 Tel set TA-312
- 1 Tlr ¼T
- 1 Tng set GM sys (Redeye)
- 1 Trk ¼T

(3) AD TEAMS

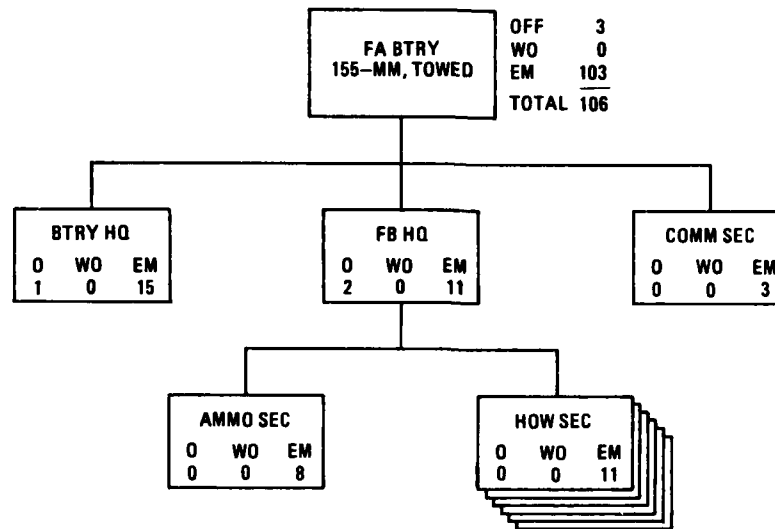
Personnel

- 3 E5 Redeye Tm Ch
- 3 E4 Redeye Gunner

Equipment

- 6 Bayonet
- 6 Binocular
- 3 Cable tel DR-8
- 3 Camouflage screen sys
- 3 Camouflage screen spt sys
- 3 Display set tgt alert
- 3 *Harness GM equip trans*
- 6 Interrogator set
- 3 Trainer handling GM lchr
- 3 GM sys inter
- 3 Instal kit MK 1234
- 6 Mask CBR
- 3 Pistol cal 45
- 3 Radio set GRC-160
- 3 Reeling mach RL-39
- 3 Rifle 5.56mm
- 6 Tel st TA-1
- 3 Tlr ¼T
- 3 Trk ¼T
- 6 Watch wrist

TOE 6-427H
FIELD ARTILLERY BATTERY, 155-MM, TOWED



MISSION: To provide a firing component of the field artillery battalion, 155-mm, towed.

TOE 6-427H

BTRY HQ

Personnel

- 1 03 BC
- 1 E8 1st Sgt
- 1 E6 Food Svc Sgt
- 1 E6 Supply Sgt
- 1 E6 Motor Sgt
- 1 E5 1st Cook
- 1 E5 NBC Ops NCO
- 1 E4 Armorer
- 1 E4 Cook
- 1 E4 PLL Clk
- 1 E4 Pwr Gen/Whl Veh Mech
- 1 E4 Equip Maint Clk
- 1 E3 Cook
- 2 E3 Pwr Gen/Whl Veh Mech
- 1 E3 Veh Driver

Equipment

- 1 Accy outfit fld range
- 106 Bayonet
- 1 Binocular
- 1 Cabinet tool/sp parts w/18 drwrs
- 1 Cabinet tool/sp parts 35½H
- 22 Camouflage screen sys
- 17 Camouflage screen spt sys
- 2 Charger radiac detector
- 7 Compass mag
- 1 Compressor
- 4 Heater immersion
- 1 Instal kit MK 1306
- 1 Instal kit MK 1554
- 2 Lchr gren 40mm
- 4 Lchr rkt prac M190
- 2 MG 7.62mm w/tripod
- 1 MG cal 50 w/mount
- 106 Mask CBR
- 1 Multimeter
- 6 Night vision goggles
- 4 Night vision sight PVS-4
- 1 Pistol cal 45
- 1 Pwr sup assy veh
- 1 Radiac set
- 2 Radiacmeter IM-93
- 1 Radiacmeter IM-174
- 1 Radio set VRC-47
- 3 Range outfit fld
- 105 Rifle 5.56mm
- 1 Speech sec equip KY-38
- 2 Tel set TA-312
- 1 Shop equip auto maint
- 3 Tool kit mech
- 1 Tool kit carpenter
- 1 Tool kit sml arms
- 1 Tlr 1½T
- 1 Tlr tk wtr
- 2 Trk 2½T
- 1 Trk 2½T w/winch
- 1 Trk ¼T
- 6 Watch wrist

- 1 Cable tel DR-8
- 1 Code changer key
- 1 Tlr ¼T

COMM SECTION

Personnel

- 1 E6 Tac Comm Ch
- 1 E4 Tac Wire Ops Sp
- 1 E3 Tac Wire Ops Sp

Equipment

- 1 Axle cable reel RL-27
- 7 Cable tel RL-159
- 6 Cable tel 2 cond fld wire
- 1 Detecting set mine
- 1 Detecting set mine PSS-11
- 1 Lchr gren 40mm
- 1 Reeling mach RL-31
- 1 Switchboard SB-22
- 5 Tel set TA-312

FB HQ

Personnel

- 1 Lt XO
- 1 Lt FDO
- 1 E7 Ch of FB
- 1 E7 Gunnery Sgt
- 1 E6 Ch FD Comp
- 2 E5 FD Comp
- 3 E4 Chart Opr
- 1 E4 FA Mech
- 2 E3 Radio Opr

Equipment

- 3 Aiming circle
- 2 Alarm CML
- 2 Antenna AT-984
- 4 Antenna RC-292
- 2 Binocular
- 6 Cable tel DR-8
- 8 Camouflage screen sys
- 6 Camouflage screen spt sys
- 1 Code changer key KYK-28
- 2 Compass mag
- 1 Computer gun dir
- 1 Demo set explosive
- 2 FD set arty
- 1 Generator 1.5kw (120V)
- 1 Generator 1.5kw (28V)
- 2 Generator 3kw
- 1 Generator 3kw (28V)
- 3 Headset microphone
- 1 Instal kit MK 1246
- 2 Instal kit MK 1663
- 2 Lchr gren 40mm
- 1 Light set gen illum
- 3 Plotting bd
- 2 Plotting set arty fire control
- 1 Pwr sup assy veh
- 2 Radiacmeter IM-93
- 1 Radiacmeter IM-174
- 1 Radio set VRC-46
- 2 Radio set VRC-47

- 4 Radio set control gp GRA-39
- 2 Reeling mach RL-39
- 2 Instal kit MK 1253
- 1 Light set chart
- 1 Purging kit FC
- 1 Reproducer sig data
- 2 Speech sec equip KY-38
- 1 Tel conn/switching gp MX-155
- 5 Tel set TA-312
- 1 Test set comp logic
- 1 Tool kit arty mech
- 1 Tool kit sp wpns
- 1 Tlr ¾T
- 2 Trk 1¼T
- 1 Swbd tel

(6) HOWITZER SECTIONS

Personnel

- 6 E6 Ch of Sec
- 6 E5 Gunner
- 6 E4 Asst Gunner
- 6 E4 Prime Mvr Driver
- 36 E3 Cannoneer
- 6 E4 Cannoneer/Assembler

Equipment

- 6 Cable tel DR-8
- 36 Camouflage screen sys
- 36 Camouflage screen spt sys
- 6 Compass mag
- 6 Headset microphone
- 6 Howitzer 155mm
- 6 MG 7.62mm w/tripod
- 6 Radio set control gp
- 6 Reeling mach RL-39
- 6 Tel set TA-312
- 6 Trk 5T w/winch

AMMO SECTION

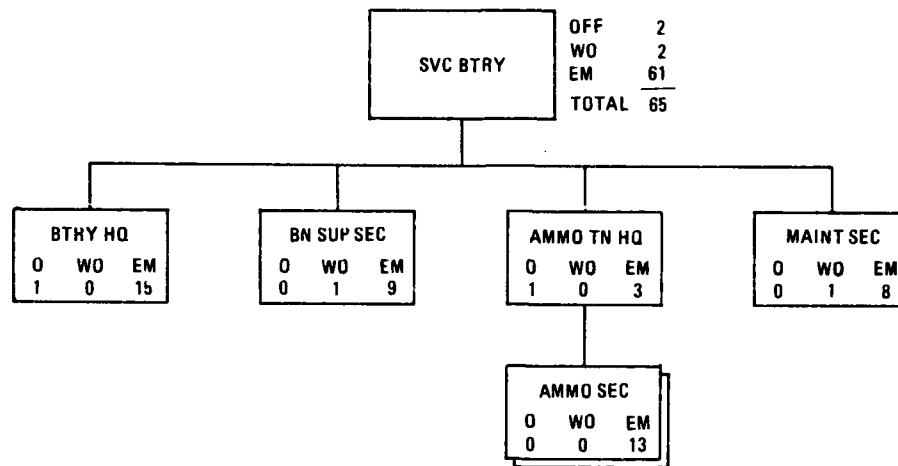
Personnel

- 1 E5 Sec Ch
- 3 E3 Ammo Handler
- 4 E3 Veh Driver

Equipment

- 12 Camouflage screen sys
- 6 Camouflage screen spt sys
- 2 Lchr gren 40mm
- 2 MG 7.62mm w/tripod
- 1 MG cal 50 w/mount
- 1 Tel set TA-312
- 4 Tlr ammo 1½T
- 4 Trk 5T
- 2 Cable tel DR-8

TOE 6-429H
SERVICE BATTERY, FIELD ARTILLERY BATTALION, 155-MM, TOWED



MISSION: To procure and distribute supplies of all classes to units of the battalion, to maintain appropriate supply records, and to perform organization-level maintenance functions not otherwise accomplished within the battalion.

TOE 6-429H

BTRY HQ

Personnel

- 1 O3 BC
- 1 E8 1st Sgt
- 1 E6 Food Svc Sgt
- 1 E6 Supply Sgt
- 1 E6 Motor Sgt
- 1 E5 1st Cook
- 1 E5 NBC Ops NCO
- 1 E4 Armorer
- 1 E4 Cook
- 1 E4 PLL Clk
- 1 E4 Tac Wire Ops Sp
- 1 E4 Pwr Gen/Whl Veh Mech
- 1 E4 Equip Maint Clk
- 1 E3 Cook
- 1 E3 Lt Veh Driver
- 1 E3 Pwr Gen/Whl Veh Mech

Equipment

- 1 Accy outfit fld range
- 1 Alarm CML
- 1 Antenna RC-292
- 16 Bayonet
- 1 Binocular
- 1 Cabinet tool/sp parts w/drwr
- 1 Cabinet tool/sp parts 35½H
- 8 Cable tel DR-8
- 24 Camouflage screen sys
- 24 Camouflage screen spt sys
- 2 Charger radiac detector
- 1 Code changer key
- 2 Coil repeating
- 1 Compass mag
- 1 Compressor
- 1 Detecting set mine
- 1 Detecting set mine PSS-11
- 1 Generator 1.5kw
- 4 Heater immersion
- 1 Instal kit MK 1234
- 1 Instal kit MK 1552
- 2 Lchr gren 40mm
- 4 Lchr rkt prac M190
- 16 Mask CBR
- 5 Night vision goggles
- 4 Night vision sight PVS-4
- 1 Pistol cal 45
- 1 Pwr sup assy veh
- 1 Radiac set
- 2 Radiacmeter IM-93
- 1 Radiacmeter IM-174
- 1 Radio set VRC-46
- 1 Radio set control gp GRA-39
- 2 Range outfit fld
- 3 Reeling mach RL-39
- 15 Rifle 5.56mm
- 1 Speech sec equip
- 1 Switchboard SB-22
- 6 Tel set TA-312
- 1 Shop equip auto maint
- 2 Tool kit mech

- 1 Tool kit carpenter
- 1 Tool kit sml arms
- 1 Tlr 1½T
- 1 Tlr tk wtr
- 1 Trk 1¼T
- 2 Trk 2½T
- 1 Trk ¼T
- 5 Watch wrist

BN SUPPLY SECTION

Personnel

- 1 WO Unit Sup Tech
- 1 E7 Supply Sgt
- 1 E5 Gen Supplyman
- 2 E4 Veh Driver
- 2 E4 Gen Supplyman
- 2 E3 Veh Driver
- 1 E3 Gen Supplyman

Equipment

- 10 Bayonet
- 15 Camouflage screen sys
- 15 Camouflage screen spt sys
- 1 Lchr gren 40mm
- 1 MG 7.62mm w/tripod
- 10 Mask CBR
- 10 Rifle 5.56mm
- 1 Tank/pump unit liquid disp
- 1 Tank unit
- 2 Tel set TA-312
- 1 Tlr 1½T
- 1 Trk 1¼T
- 2 Trk 2½T
- 1 Trk 5T

BN MAINT SECTION

Personnel

- 1 WO Auto Maint Tech
- 1 E7 Motor Sgt
- 1 E5 Pwr Gen/Whl Veh Mech
- 1 E4 PLL Clk
- 1 E4 Welder
- 1 E4 Pwr Gen/Whl Veh Mech
- 1 E4 Wrecker Opr
- 2 E3 Pwr Gen/Whl Veh Mech

Equipment

- 9 Bayonet
- 1 Cabinet tool/sp parts 35½H
- 15 Camouflage screen sys
- 15 Camouflage screen spt sys
- 1 Compressor
- 2 Generator 1.5kw
- 2 Generator 3kw
- 1 Heater duct type
- 1 Instal kit MK 1234
- 1 Lchr gren 40mm
- 1 Light set gen illum
- 2 MG 7.62mm w/tripod
- 9 Mask CBR
- 1 Multimeter
- 2 Charger btry
- 1 Tool kit sp parts 24H

- 1 Radio set GRC-160
- 9 Rifle 5.56mm
- 1 Tel set TA-312
- 1 Shop equip auto maint
- 5 Tool kit mech
- 1 Tool kit welders
- 1 Tlr 1½T
- 1 Trk 1¼T
- 1 Trk 2½T
- 1 Trk ¼T
- 1 Trk wrecker 5T

AMMO TRAIN HQ

Personnel

- 1 Lt Ammo Off
- 1 E7 Ammo Sgt
- 1 E4 Ammo Sp
- 1 E4 Ammo Clk

Equipment

- 1 Alarm CML
- 4 Bayonet
- 2 Camouflage screen sys
- 2 Camouflage screen spt sys
- 1 Code changer KYK-28
- 1 Demo set explosive
- 1 Instal kit MK 1246
- 1 Instal kit MK 1663
- 4 Mask CBR
- 1 Pwr sup assy veh
- 2 Radiacmeter IM-93
- 1 Radiacmeter IM-174
- 1 Radio set VRC-46
- 3 Rifle 5.56mm
- 1 Speech sec equip KY-38
- 1 Tel set TA-312
- 1 Trk 1¼T
- 1 Pistol cal 45

(2) AMMO SECTIONS

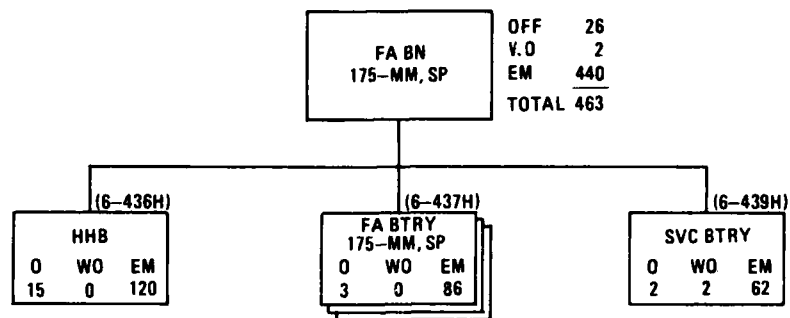
Personnel

- 2 E5 Sec Ch
- 4 E4 Veh Driver
- 4 E3 Veh Driver
- 16 E3 Ammo Handler

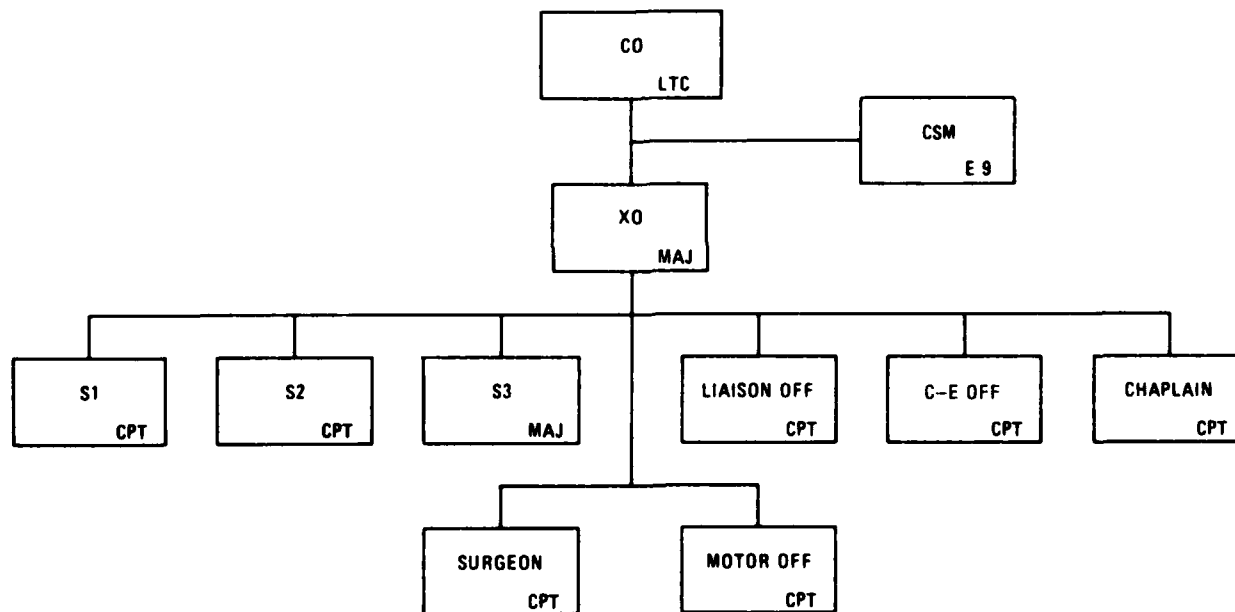
Equipment

- 26 Bayonet
- 16 Camouflage screen sys
- 16 Camouflage screen spt sys
- 4 Lchr gren 40mm
- 4 MG 7.62mm w/tripod
- 26 Mask CBR
- 26 Rifle 5.56mm
- 8 Tlr ammo 1½T
- 8 Trk 5T

TOE 6-435H
FIELD ARTILLERY BATTALION, 175-MM, SELF-PROPELLED



STAFF (TOE 6-436H)



TOE 6-435H

MISSION: To provide general field artillery support to include communications, liaison, and survey.

SUMMARY — MAJOR ITEMS OF EQUIPMENT

TRANSPORTATION

| | |
|---|----|
| Carrier, cargo, tracked, 6-ton | 12 |
| Carrier, command post | 5 |
| Recovery vehicle, full-tracked, M578 | 2 |
| Recovery vehicle, full-tracked, M88 | 1 |
| Tank and pump unit (trk-mounting) | 2 |
| Trailer, cargo, 1/4-ton | 14 |
| Trailer, cargo, 3/4-ton | 7 |
| Trailer, cargo, 1 1/2-ton | 13 |
| Trailer, tank, water, 400-gal, 1 1/2-ton | 5 |
| Truck, ambulance, 1 1/4-ton, 6 x 6 | 1 |
| Truck, cargo, 1 1/4-ton, 6 x 6 | 11 |
| Truck, cargo, 2 1/2-ton, 6 x 6 | 13 |
| Truck, cargo, 2 1/2-ton, 6 x 6 w/winch | 5 |
| Truck, cargo, 5-ton, 8 x 8 | 2 |
| Truck, cargo, 8-ton, 4 x 4 | 12 |
| Truck, utility, 1/4-ton, 4 x 4 | 17 |
| Truck, wrecker, 10-ton, 4 x 4 | 1 |

MATERIEL

| | |
|--------------------------|-----|
| Gun, FA SP, 175-mm | 12 |
| Launcher, grenade, 40-mm | 39 |
| Machinegun, 7.62-mm | 42 |
| Machinegun, cal 50 | 18 |
| Pistol, cal 45 | 22 |
| Rifle, 5.56-mm | 445 |
| Submachinegun, cal 45 | 6 |

COMMUNICATIONS

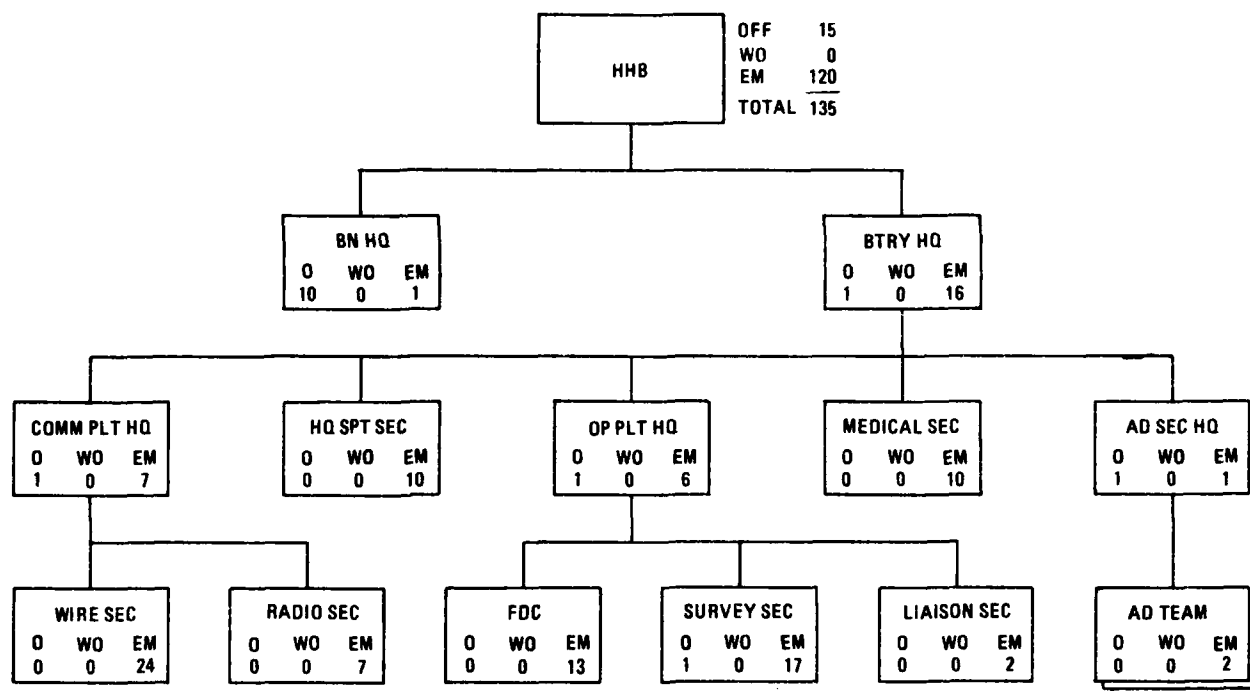
| | |
|-------------------------------------|----|
| Cable, assembly, tel, CX 4566/G | 2 |
| Cable, assembly, tel, CX 4760 | 4 |
| Cable, tel, WD-1/TT, DR-8, 1/4 mi | 59 |
| Cable, tel, WD-1/TT, RL-159/U, 1 mi | 56 |

| | |
|---|----|
| Cable, tel, WD-1/TT, 2 conductor | 28 |
| Radio set AN/GRC-160 | 4 |
| Radio set AN/PRC-77 | 6 |
| Radio set AN/VRC-46 | 14 |
| Radio set AN/VRC-47 | 10 |
| Radio st AN/VRC-48 | 1 |
| Radio set AN/VRC-49 | 1 |
| Radio set AN/VRC-64 | 4 |
| Radio set control gp AN/GRA-39 | 20 |
| Radio TT set AN/GRC-142 | 2 |
| Reeling machine, cable, hand, RL-31 | 7 |
| Reeling machine, cable, hand, RL-39 | 39 |
| Reeling machine, cable, motor driven, RL-172/G | 4 |
| Speech security equip TSEC/KY-38 | 19 |
| Switchboard, tel, manual, SB-22/PT | 8 |
| Switchboard, SB-993 | 3 |
| Tel connecting and switching gp MX-155/GT | 3 |
| Telephone set TA-1/PT | 6 |
| Telephone set TA-264/PT | 1 |
| Telephone set TA-312/PT | 95 |

GUNNERY

| | |
|--|----|
| Aiming circle | 12 |
| Computer, gun direction | 4 |
| FD set, arty, 25,000 meter max rg | 9 |
| Plotting board, ind fire, arty/inf, in meters | 13 |
| Plotting set, arty fire control | 8 |
| Range finder, fire control | 2 |
| Surveying inst, az gyro | 1 |
| Survey set, arty fire control, 4th order | 3 |
| Theodolite survey, 0.2 mil | 3 |
| Survey instr, DME | 3 |

TOE 6-436H
HEADQUARTERS AND HEADQUARTERS BATTERY, FIELD ARTILLERY BATTALION,
175-MM, SELF-PROPELLED



MISSION: To direct and coordinate operations of the battalion and to provide facilities with which the battalion commander can control the battalion.

TOE 6-436H

BN HQ

Personnel

1 05 Bn Cmdr
1 04 XO
1 04 S3
1 03 LO
1 03 Chaplain
1 03 CE Stf Off
1 03 Motor Off
1 03 S1
1 03 S2
1 03 Surgeon
1 E9 CSM

Equipment

9 Bayonet
1 Chest hymn book
11 Mask CBR
4 Pistol cal 45
6 Rifle 5.56mm

BTRY HQ

Personnel

1 03 BC
1 E8 1st Sgt
1 E7 Food Svc Sgt
1 E6 Motor Sgt
1 E6 Supply Sgt
1 E5 1st Cook
1 E4 Armorer
2 E4 Cook
1 E4 Equip Maint Clk
1 E4 Pwr Gen/Whl Veh Mech
1 E4 Trk Veh Mech
1 E3 Lt Veh Driver
2 E3 Pwr Gen/Whl Veh Mech
1 E3 Cook
1 E4 PLL Clk

Equipment

1 Accy outfit fld range
1 Alarm CML
17 Bayonet
1 Cabinet tool/sp parts w/18 drws
26 Camouflage screen sys
26 Camouflage screen spt sys
1 Charger btry
2 Charger radiac detector
1 Compass mag
1 Compressor
7 Heater immersion
1 Instal kit MK 1234
2 Lchr gren 40mm
2 MG 7.62mm w/tripod
17 Mask CBR
1 Multimeter
5 Night vision goggles
5 Night vision sight PVS-4
1 Pistol cal 45

4 Radiacmeter IM-93
1 Radiacmeter IM-174
1 Radio set VRC-64
3 Range outfit fld
16 Rifle 5.56mm
5 Tel set TA-312
1 Shop equip auto maint
4 Tool kit mech
1 Tool kit carpenter
1 Tool kit sml arms
1 Tlr 1/4T
2 Tlr 1 1/2T
1 Tlr tk wtr
2 Trk 2 1/2T
1 Trk 2 1/2T w/winch
1 Trk 1/4T
14 Watch wrist

HQ SPT SECTION

Personnel

1 E7 PAC Supv
1 E6 Reenlist NCC
1 E6 Pers Stf NC
1 E5 Legal Clk
1 E5 PAC Clk
1 E4 Chapel Act sp
1 E4 Clk Typist
1 E4 PAC Clk
2 E3 PAC Clk

Equipment

10 Bayonet
2 Binocular
11 Camouflage screen sys
11 Camouflage screen spt sys
2 Compass mag
1 Duplicating mach spirit proc
1 Instal kit MK 1306
1 Instal kit MK 1554
1 Instal kit MK 1817
1 MG 7.62mm w/tripod
10 Mask CBR
1 Pwr sup assy veh
1 Radio set VRC-46
1 Radio set VRC-47
10 Rifle 5.56mm
1 Speech sec equip KY-38
3 Tel set TA-312
2 Tlr 1/4T
1 Tlr 3/4T
1 Trk 1 1/4T
2 Trk 1/4T

OPS PLAT HQ

Personnel

1 03 FDO
1 E8 Intel Sgt
1 E8 Ops Sgt
1 E6 NBC Ops/stf NCO
1 E4 Clk Typist
1 E4 Ops Sp
1 E3 Lt Veh Driver

Equipment

1 Alarm CML
7 Bayonet
2 Binocular
8 Camouflage screen sys
8 Camouflage screen spt sys
2 Compass mag
1 Duplicating mach stencil
1 Generator 1.5kw
1 Instal kit MK 1234
1 Light set gen illum
7 Mask CBR
1 Radio set VRC-46
7 Rifle 5.56mm
3 Tel set TA-312
1 Tlr 1/4T
1 Tlr 3/4T
1 Trk 1 1/4T
1 Trk 1/4T
1 Instal kit 1554
1 Pwr sup assy
1 Speech sec equip KY-38

FDC

Personnel

1 E7 Ch Comp
1 E6 Asst Ch FD Comp
4 E5 FD Comp
3 E4 Chart Opr
2 E4 CP Carrier Driver
1 E4 Tac Wire Ops Sp
1 E3 Lt Veh Driver

Equipment

4 Accy kit MK 1326
1 Antenna AT-984
2 Antenna RC-292
13 Bayonet
4 Cable tel DR-8
9 Camouflage screen sys
9 Camouflage screen spt sys
2 Carrier CP
1 Code changer key KYK-28
1 Computer gun dir
3 FD set arty
2 Generator 3kw
4 Headset microphone
1 Lchr gren 40mm
1 MG 7.62mm w/tripod
6 Mask prot tk
7 Mask CBR
4 Plotting bd indir fire
2 Plotting set arty
4 Pwr sup assy veh
5 Radio set VRC-46
4 Radio set cont gp GRA-39
4 Reeling mach RL-39
13 Rifle 5.56mm
4 Speech sec equip KY-38
1 Switchboard tel SB-22
1 Tel set TA-264
7 Tel set TA-312

SURVEY SECTION

Personnel

- 1 Lt Recon/Survey Off
- 1 E7 Ch Surveyor
- 3 E6 Ch Survey Party
- 3 E5 Survey Comp
- 3 E4 Survey Comp/Recorder
- 3 E4 Instr Opr
- 1 E3 Lt Veh Driver
- 3 E3 Rodman/Tapeman

Equipment

- 3 Aiming circle
- 18 Bayonet
- 7 Binocular
- 7 Camouflage screen sys
- 7 Camouflage screen spt sys
- 1 Charger btry
- 7 Compass mag
- 1 Instal kit MK 1234
- 3 Lchr gren 40mm
- 3 MG 7.62mm w/tripod
- 18 Mask CBR
- 2 Periscope BC
- 6 Radio set PRC-77
- 1 Radio set VRC-46
- 2 Range finder laser
- 18 Rifle 5.56mm
- 1 Surveying instr az gyro
- 3 Surv instr DME
- 3 Surveying set arty 4th order
- 1 Tel set TA-312
- 3 Theodolite survey
- 1 Tlr 1/4T
- 3 Trk 1 1/4T
- 1 Trk 1/4T

LIAISON SECTION

Personnel

- 1 E6 Ln Sgt
- 1 E4 Ln Sp

Equipment

- 1 Antenna RC-292
- 2 Bayonet
- 1 Cable tel DR-8
- 2 Camouflage screen sys
- 2 Camouflage screen spt sys
- 1 Compass mag
- 1 Generator 1.5kw
- 1 Instal kit MK 1234
- 1 Instal kit MK 1552
- 1 Lchr gren 40mm
- 2 Mask CBR
- 1 Pwr sup assy veh
- 1 Radio set VRC-46
- 1 Radio set control gp GRA-39
- 1 Reeling mach RL-39
- 2 Rifle 5.56mm
- 1 Speech sec equip KY-38
- 1 Tel set TA-312
- 1 Tlr 1/4T
- 1 Trk 1/4T

COMM PLAT HQ

Personnel

- 1 Lt Plat Ldr
- 1 E8 Tac Comm Ch
- 1 E5 Tac Comm Sys Supv
- 2 E4 Tac Comm Sys Op/Mech
- 1 E4 Tac Wire Ops Sp
- 1 E3 Tac Wire Ops Sp
- 1 E3 Veh Driver

Equipment

- 2 Antenna RC-292
- 8 Bayonet
- 1 Binocular
- 1 Cable tel DR-8
- 6 Camouflage screen sys
- 6 Camouflage screen spt sys
- 1 Code changer key KYK-28
- 1 Compass mag
- 1 Detecting set mine
- 1 Detecting set mine PSS-11
- 1 Generator 1.5kw
- 1 Instal kit MK 1234
- 1 Instal kit MK 1552
- 1 Instal kit MK 1646
- 1 Inverter vibrator
- 1 Lchr gren 40mm
- 8 Mask CBR
- 1 Multimeter
- 1 Pwr sup assy veh
- 2 Radiacmeter IM-93
- 1 Radiacmeter IM-174
- 1 Radio set VRC-49
- 1 Radio set control gp GRA-39
- 1 Reeling mach RL-39
- 1 Reproducer sig data
- 8 Rifle 5.56mm
- 1 Speech sec equip KY-38
- 1 Tac digital regen repeater
- 2 Tel set TA-312
- 1 Test set btry
- 1 Test set comp logic
- 1 Test set elec tube
- 1 Test set radio
- 1 Test set radio freq
- 1 Tlr 1/4T
- 1 Tlr 3/4T
- 1 Trk 1 1/4T
- 1 Trk 1/4T
- 3 Tool kit elec equip

WIRE SECTION

Personnel

- 1 E6 Tac Comm Ch
- 4 E5 Tac Wire Ops Tm Ch
- 5 E4 Sr Tac Wire Ops Sp
- 14 E3 Tac Wire Ops Sp

Equipment

- 4 Axle cable RL-27
- 24 Bayonet
- 2 Cable assy tel CX 4566
- 4 Cable assy tel CX 4760

- 35 Cable tel RL-159 (1 mi)
- 10 Cable tel 2 cond fld wire
- 9 Camouflage screen sys
- 9 Camouflage screen spt sys
- 8 Coil tel repeating
- 4 Lchr gren 40mm
- 4 MG 7.62mm w/tripod
- 24 Mask CBR
- 4 Reeling mach RL-31
- 4 Reeling mach RL-172
- 24 Rifle 5.56mm
- 4 Splicing kit tel
- 3 Switchboard SB-22
- 8 Tel set TA-312
- 4 Trk 1 1/4T
- 1 Trk 1/4T

RADIO SECTION

Personnel

- 1 E6 RATT Ops Supv
- 2 E5 RATT Ops Tm Ch
- 2 E4 RATT Opr
- 2 E3 RATT Opr

Equipment

- 7 Bayonet
- 2 Cable tel DR-8
- 4 Camouflage screen sys
- 4 Camouflage screen spt sys
- 2 Elec TT sec equip KW-7
- 2 Generator 5kw
- 2 Headset microphone
- 7 Mask CBR
- 2 RATT set GRC-142
- 2 Reeling mach RL-39
- 7 Rifle 5.56mm
- 2 Tel set TA-312
- 2 Trk 1 1/4T

MEDICAL SECTION

Personnel

- 1 E6 Sec Sgt
- 1 E6 Prac Nurse
- 1 E5 Medical Aidman
- 4 E4 Btry Aidman
- 1 E4 Medical Aidman
- 1 E3 Amb Driver
- 1 E3 Medical Aidman

Equipment

- 1 Blanket set bed
- 11 Camouflage screen sys
- 11 Camouflage screen spt sys
- 4 Mask headwound
- 10 Mask CBR
- 1 Med set Bn Aid Sta
- 1 Gen 1.5kw
- 1 Lt set gen illum
- 4 Pistol cal 45
- 1 Radiac set
- 6 Rifle 5.56mm
- 1 Splint set
- 2 Shelter sys collective

- 8 Surgical instr/sup set
- 1 Tel set TA-312
- 1 Tlr ¼T
- 1 Trk amb 1¼T
- 1 Trk 1¼T
- 1 Watch wrist

AD SECTION HQ

Personnel

- 1 Lt Sec Ldr
- 1 E6 Sec Sgt

Equipment

- 2 Bayonet
- 1 Cable tel DR-8
- 1 Camouflage screen sys
- 1 Camouflage screen spt sys
- 2 Code changer key
- 1 Generator 1.5kw
- 2 Interrogator set
- 1 Interrogator computer
- 1 Programmer interrogator
- 1 Training set GM (Stinger)
- 1 Training set GM (Redeye)
- 1 Display set tgt alert data
- 1 Instal kit MK 1225
- 2 Mask CBR
- 1 Radio set VRC-48
- 1 Radio set control gp GRA-39
- 1 Reeling mach RL-39
- 2 Rifle 5.56mm
- 1 Tel set TA-312
- 1 Tlr ¼T
- 1 Trk ¼T

(3) AD TEAMS

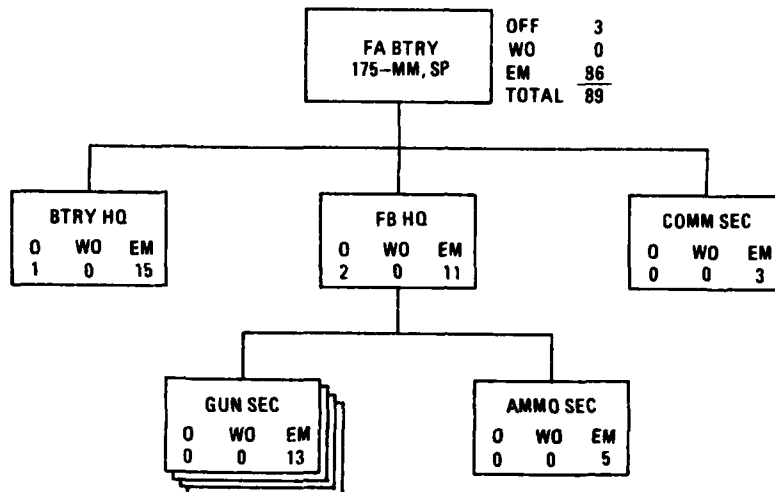
Personnel

- 3 E5 Tm Ch
- 3 E4 Gunner

Equipment

- 6 Bayonet
- 6 Binocular
- 6 Cable tel DR-8
- 3 Camouflage screen sys
- 3 Camouflage screen spt sys
- 3 Display set tgt alert data
- 3 Harness GM equip/trans (Stinger)
- 6 Interrogator set (Stinger)
- 3 Trainer Handling GM lchr
- 3 Instal kit MK 1234
- 6 Mask CBR
- 3 Pistol cal 45
- 3 Radio set GRC-160
- 6 Reeling mach RL-39
- 3 Rifle 5.56mm
- 6 Tel set TA-1
- 3 Tlr ¼T
- 3 Trk ¼T
- 6 Watch wrist

TOE 6-437H
FIELD ARTILLERY BATTERY,
FIELD ARTILLERY BATTALION,
175-MM, SELF-PROPELLED



MISSION: To provide a firing component of the field artillery battalion and to furnish that component's portion of the battalion communications system.

TOE 6-437H

BTRY HQ

Personnel

- 1 O3 BC
- 1 E8 1st Sgt
- 1 E6 Food Svc Sgt
- 1 E6 Supply Sgt
- 1 E6 Motor Sgt
- 1 E5 1st Cook
- 1 E5 NBC Ops NCO
- 1 E4 Armorer
- 1 E4 Cook
- 1 E4 Equip Maint Clk
- 1 E4 Pwr Gen/Whl Veh Mech
- 1 E4 Track Veh Mech
- 1 E3 Veh Driver
- 1 E3 Cook
- 1 E3 Pwr Gen/Whl Veh Mech
- 1 E3 Trk Veh Mech

Equipment

- 1 Accy outfit fld range
- 89 Bayonet
- 1 Binocular
- 1 Cabinet tool/sp parts w/18 drwrs
- 1 Cabinet tool/sp parts 35½H
- 1 Cable tel DR-8
- 24 Camouflage screen sys
- 19 Camouflage screen spt sys
- 2 Charger radiac
- 1 Compass mag
- 1 Code changer key
- 1 Compressor
- 4 Heater immersion
- 1 Instal kit MK 1306
- 1 Instal kit MK 1554
- 2 Lchr gren 40mm
- 4 Lchr rkt prac
- 2 MG 7.62mm w/tripod
- 1 MG cal 50 w/mount
- 15 Mask prot tk
- 74 Mask CBR
- 1 Multimeter
- 6 Night vision goggles
- 4 Night vision sight PVS-4
- 1 Pistol cal 45
- 1 Pwr sup assy veh
- 1 Radiac set
- 2 Radiacmeter IM-93
- 1 Radiacmeter IM-174
- 1 Radio set VRC-47
- 1 Radio set control gp GRA-39
- 2 Range outfit fld
- 1 Reeling mach RL-39
- 88 Rifle 5.56mm
- 1 Speech sec equip KY-38
- 2 Tel set TA-312
- 1 Shop equip auto maint
- 4 Tool kit mech
- 1 Tool kit carpenter
- 1 Tool kit sml arms

- 1 Tlr ¼T
- 1 Tlr 1½T
- 1 Tlr tk wtr
- 2 Trk 2½T
- 1 Trk 2½T w/winch
- 1 Trk ¼T
- 6 Watch wrist

COMM SECTION

Personnel

- 1 E6 Tac Comm Ch
- 1 E4 Tac Wire Ops Sp
- 1 E3 Tac Wire Ops Sp

Equipment

- 1 Axle reel cable
- 7 Cable tel RL-159 (1 mi)
- 6 Cable tel 2 cond fld wire
- 1 Detecting set mine
- 1 Detecting set mine PSS-11
- 1 Lchr gren 40mm
- 1 Reeling mach RL-31
- 1 Switchboard SB-22
- 5 Tel set TA-312

FB HQ

Personnel

- 1 Lt XO
- 1 Lt FDO
- 1 E7 Ch of FB
- 1 E7 Gunnery Sgt
- 1 E6 Ch FD Comp
- 2 E5 FD Comp
- 3 E4 Chart Opr
- 1 E4 CP Carrier Driver
- 2 E4 FA Mech

Equipment

- 1 Accy kit MK 1320
- 1 Accy kit MK 1326
- 3 Aiming circle
- 2 Alarm CML
- 2 Antenna AT-984
- 4 Antenna RC-292
- 2 Binocular
- 5 Cable tel DR-8
- 10 Camouflage screen sys
- 6 Camouflage screen spt sys
- 1 Carrier CP
- 1 Code changer key KYK-28
- 2 Compass mag
- 1 Computer gun dir
- 2 FD set arty
- 1 Generator 1.5kw
- 2 Generator 3kw
- 1 Generator 3kw (28V)
- 3 Headset microphone
- 1 Instal kit MK 1253
- 1 Instal kit MK 1663
- 1 Instal kit MK 1664
- 2 Lchr gren 40mm
- 1 Light set gen illum
- 3 Plotting bd indir fire

- 2 Plotting set arty
- 2 Pwr sup assy veh
- 2 Radiacmeter IM-93
- 1 Radiacmeter IM-174
- 1 Radio set VRC-46
- 2 Radio set VRC-47
- 3 Radio set control gp GRA-39
- 2 Reeling mach RL-39
- 1 Reproducer sig data
- 2 Speech sec equip KY-38
- 1 Switchboard SB-993
- 1 Tel conn/switching kit MK-155
- 5 Tel set TA-312
- 1 Test set comp logic
- 1 Tool kit FA mech
- 2 Tool kit turret mech
- 1 Tlr ¼T
- 1 Trk 1¼T
- 1 Purging kit FC

(4) GUN SECTIONS

Personnel

- 4 E6 Sec Ch
- 4 E5 Gunner
- 4 E4 Asst Gunner
- 4 E4 Cargo Carrier Driver
- 4 E4 Motor Carriage Driver
- 32 E3 Cannoneer

Equipment

- 4 Accy kit MK 1295
- 4 Cable tel DR-8
- 28 Camouflage screen sys
- 28 Camouflage screen spt sys
- 4 Carrier cargo 6T
- 4 Compass mag
- 4 Gun FA SP 175mm
- 4 Headset microphone
- 4 Loudspeaker
- 4 MG 50 cal w/mount
- 4 MG 7.62mm w/tripod
- 4 Reeling mach RL-39
- 4 Tel set TA-312
- 4 Tlr ammo 1½T

AMMO SECTION

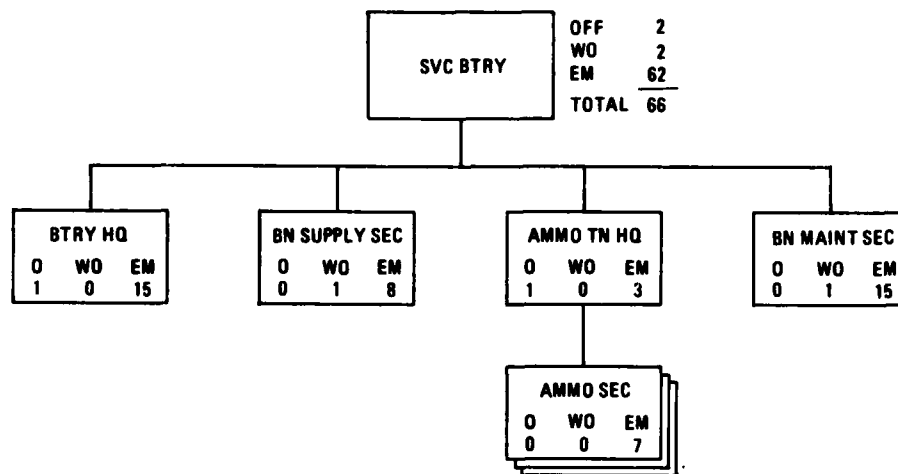
Personnel

- 1 E5 Sec Ch
- 1 E5 Hvy Veh Driver
- 1 E3 Ammo Hdlr
- 2 E3 Hvy Veh Driver

Equipment

- 2 Cable tel DR-8
- 6 Camouflage screen sys
- 4 Camouflage screen spt sys
- 1 Lchr gren 40mm
- 2 MG 7.62mm w/tripod
- 1 Tel set TA-312
- 2 Tlr ammo 1½T
- 2 Trk 8T

TOE 6-439H
SERVICE BATTERY, FIELD ARTILLERY BATTALION,
175-MM, SELF-PROPELLED



MISSION: To procure and distribute supplies of all classes to units of the battalion, to maintain appropriate supply records, for the battalion, and to perform organizational-level vehicle maintenance functions not otherwise accomplished within the battalion.

TOE 6-439H

BTRY HQ

Personnel

- 1 O3 BC
- 1 E8 1st Sgt
- 1 E6 Food Svc Sgt
- 1 E6 Supply Sgt
- 1 E6 Motor Sgt
- 1 E5 1st Cook
- 1 E5 NBC Ops NCO
- 1 E4 Armorer
- 1 E4 Cook
- 1 E4 Equip Maint Clk
- 1 E4 Pwr Gen/Whl Veh Mech
- 1 E4 Tac Wire Ops Sp
- 1 E3 Lt Veh Driver
- 2 E3 Pwr Gen/Whl Veh Mech
- 1 E3 Cook

Equipment

- 1 Accy outfit fld range
- 1 Alarm CML
- 1 Antenna RC-292
- 16 Bayonet
- 1 Binocular
- 1 Cabinet tool/sp parts w/drwr
- 1 Cabinet tool/sp parts 35½H
- 8 Cable tel DR-8
- 28 Camouflage screen sys
- 28 Camouflage screen spt sys
- 2 Charger radiac detector
- 1 Code changer key KYK-28
- 2 Coil tel repeating
- 1 Compass mag
- 1 Compressor
- 1 Detecting set mine
- 1 Detecting set mine PSS-11
- 1 Generator 1.5kw
- 4 Heater immersion
- 1 Instal kit MK 1234
- 1 Instal kit MK 1552
- 2 Lchr gren 40mm
- 1 MG 7.62mm w/tripod
- 16 Mask CBR
- 5 Night vision goggles
- 1 Night vision sight TVS-5
- 4 Night vision sight PVS-4
- 1 Pistol cal 45
- 1 Pwr sup assy veh
- 1 Radiac set
- 2 Radiacmeter IM-93
- 1 Radiacmeter IM-174
- 1 Radio set VRC-46
- 1 Radio set control gp GRA-39
- 2 Range outfit fld
- 3 Reeling mach RL-39
- 15 Rifle 5.56mm
- 1 Speech sec equip KY-38
- 1 Switchboard SB-22
- 6 Tel set TA-312
- 1 Shop equip auto maint
- 3 Tool kit mech

- 1 Tool kit carpenter
- 1 Tool kit sml arms
- 2 Tlr 1½T
- 1 Tlr tk wtr
- 3 Trk 2½T
- 1 Trk ¼T
- 5 Watch wrist

BN SUPPLY SECTION

Personnel

- 1 WO Unit Supply Tech
- 1 E7 Supply Sgt
- 1 E5 Gen Supplyman
- 2 E4 Veh Driver
- 1 E4 Gen Supplyman
- 2 E3 Gen Supplyman
- 1 E3 Veh Driver

Equipment

- 9 Bayonet
- 21 Camouflage screen sys
- 21 Camouflage screen spt sys
- 1 MG 7.62mm w/tripod
- 2 Lchr gren 40mm
- 9 Mask CBR
- 9 Rifle 5.56mm
- 2 Tank pump unit
- 2 Tel set TA-312
- 2 Tlr 1½T
- 2 Trk 2½T
- 2 Trk 5T

BN MAINT SECTION

Personnel

- 1 WO Auto Maint Tech
- 1 E8 Motor Sgt
- 2 E5 Sr Recovery Veh Opr
- 1 E4 Pwr Gen/Whl Veh Mech
- 1 E4 PLL Clk
- 2 E4 Recovery Veh Opr
- 1 E4 Track Veh Mech
- 1 E4 Welder
- 1 E4 Wrecker Opr
- 1 E3 Track Veh Mech
- 2 E3 Recovery Veh Opr
- 2 E3 Pwr Gen/Whl Veh Mech

Equipment

- 1 Accy kit MK 1259
- 2 Accy kit MK 1296
- 16 Bayonet
- 2 Cabinet tool/sp parts 3 shelves
- 1 Cabinet tool/sp parts 35½H
- 21 Camouflage screen sys
- 21 Camouflage screen spt sys
- 1 Compressor
- 2 Generator 1.5kw
- 2 Generator 3kw
- 1 Heater duct type
- 1 Instal kit MK 1234
- 2 Lchr gren 40mm
- 1 Light set gen illum
- 3 MG HB 50 cal veh mtd

- 2 Charger btry
- 2 MG 7.62mm w/tripod
- 6 Mask prot tk
- 10 Mask CBR
- 2 Multimeter
- 6 Pistol cal 45
- 1 Radio set GRC-160
- 3 Radio set VRC-64
- 2 Recovery veh full track lt
- 1 Recovery veh full track med
- 10 Rifle 5.56mm
- 6 Submachinegun cal 45
- 1 Tel set TA-312
- 1 Shop equip auto maint
- 6 Tool kit mech
- 1 Tool kit welder
- 1 Tool set veh full track
- 2 Tlr 1½T
- 1 Trk 2½T
- 1 Trk ¼T
- 1 Trk wrecker 10T

AMMO TRAIN HQ

Personnel

- 1 Lt Ammo Off
- 1 E7 Ammo Sup Sgt
- 1 E4 Ammo Clk
- 1 E4 Ammo Sp

Equipment

- 1 Alarm CML
- 4 Bayonet
- 2 Camouflage screen sys
- 2 Camouflage screen spt sys
- 1 Code changer key KYK-28
- 1 Instal kit MK 1246
- 1 Instal kit MK 1663
- 4 Mask CBR
- 1 Pwr sup assy veh
- 2 Radiacmeter IM-93
- 1 Radiacmeter IM-174
- 1 Radio set VRC-46
- 4 Rifle 5.56mm
- 1 Speech sec equip KY-38
- 1 Tel set TA-312
- 1 Trk 1¼T

(3) AMMO SECTION

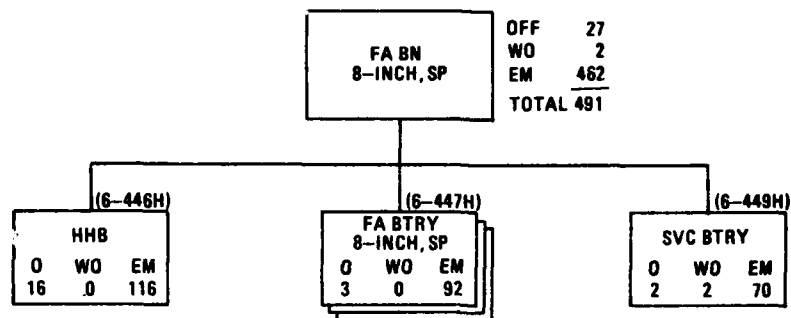
Personnel

- 3 E5 Sec Ch
- 2 E5 Hvy Veh Driver
- 4 E4 Hvy Veh Driver
- 12 E3 Ammo Hdlr

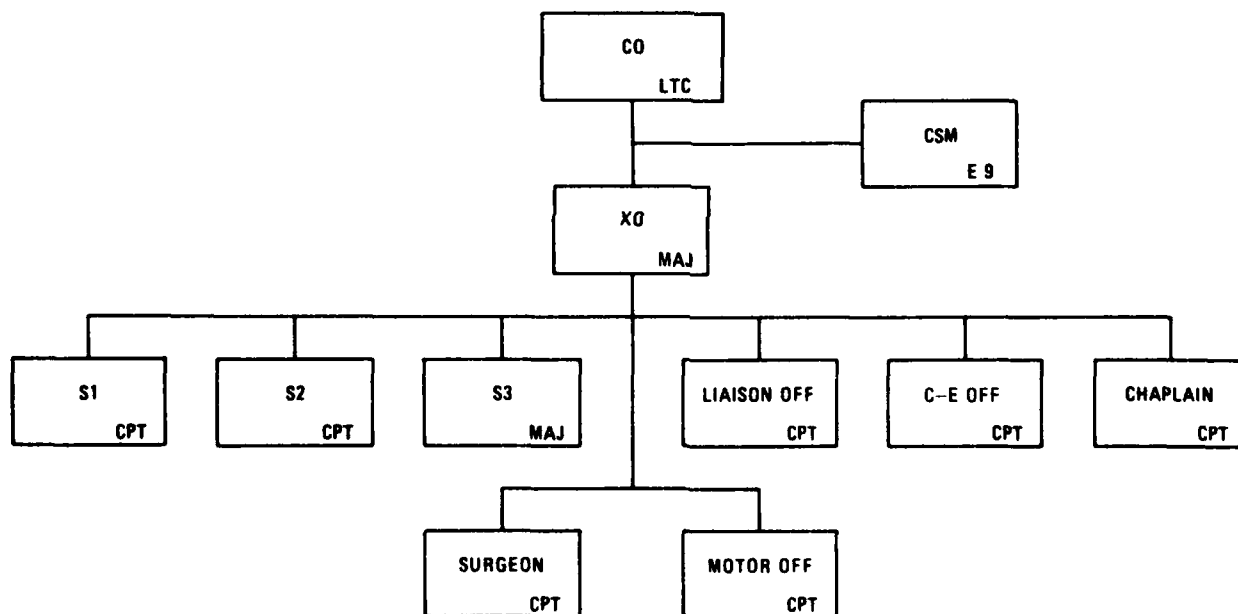
Equipment

- 21 Bayonet
- 12 Camouflage screen sys
- 12 Camouflage screen spt sys
- 3 Lchr gren 40mm
- 3 MG 7.72mm w/tripod
- 21 Mask CBR
- 21 Rifle 5.56mm
- 6 Tir ammo 1½T
- 6 Trk 8T

TOE 6-445H
FIELD ARTILLERY BATTALION, 8-INCH, SELF-PROPELLED



STAFF (TOE 6-446H)



TOE 6-445H

MISSION: To provide field artillery support, including nuclear fires, to units of a division or a corps.

SUMMARY — MAJOR ITEMS OF EQUIPMENT

TRANSPORTATION

| | |
|--|----|
| Carrier, cargo, 6-ton, tracked | 12 |
| Carrier, command post | 5 |
| Recovery vehicle M578 | 2 |
| Recovery vehicle M88 | 1 |
| Tank and pump unit (trk-mounting) | 2 |
| Tank unit (tlr-mounting) | 2 |
| Trailer, cargo, 1/4-ton | 13 |
| Trailer, cargo, 3/4-ton | 5 |
| Trailer, cargo, 1 1/2-ton | 13 |
| Trailer, tank, water, 400-gal, 1 1/2-ton | 5 |
| Truck, ambulance, 1 1/4-ton, 6 x 6 | 1 |
| Truck, cargo, 1 1/4-ton, 6 x 6 | 18 |
| Truck, cargo, 2 1/2-ton, 6 x 6 | 13 |
| Truck, cargo, 2 1/2-ton, 6 x 6, w/winch | 5 |
| Truck, cargo, 5-ton, 8 x 8 | 2 |
| Truck, cargo, 8-ton, 4 x 4 | 18 |
| Truck, utility, 1/4-ton, 4 x 4 | 17 |
| Truck, van, shop, 2 1/2-ton, 6 x 6 | 3 |
| Truck, wrecker, 10-ton, 4 x 4 | 1 |
| Truck, cargo, 5-ton, 6 x 6 | 2 |

MATERIEL

| | |
|--------------------------|-----|
| Howitzer, SP, 8 inch | 12 |
| Launcher, grenade, 40-mm | 45 |
| Launcher, rkt prac, M190 | 20 |
| Machinegun, cal 50 | 18 |
| Machinegun, 7.62-mm | 45 |
| Pistol, cal 45 | 23 |
| Rifle, 5.56-mm | 466 |
| Submachinegun, cal 45 | 6 |

COMMUNICATIONS

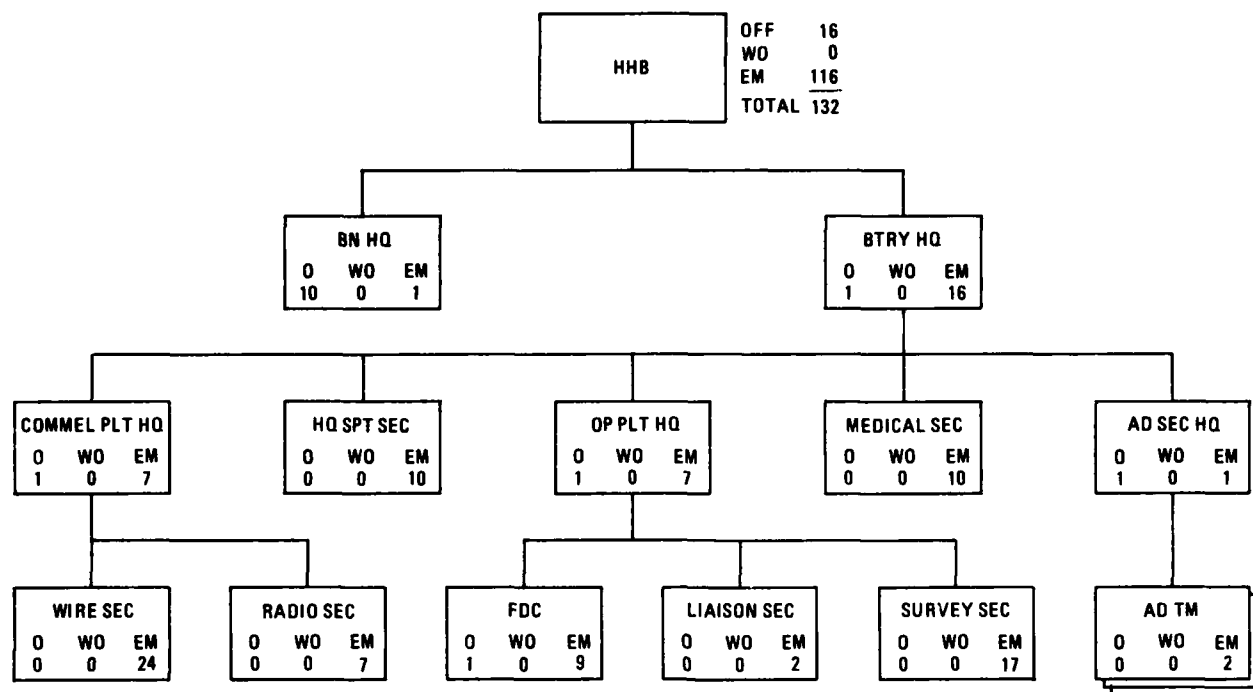
| | |
|---------------------------------|----|
| Antenna, AT-984/G | 7 |
| Antenna, RC-292 | 24 |
| Cable, assembly, tel, CX 4566/G | 2 |

| | |
|--|----|
| Cable, assembly, tel, CX 4760/U, 15 ft | 4 |
| Cable, tel, WD-1/TT, DR-8, 1/4 mi | 52 |
| Cable, tel, WD-1/TT, RL-159/U, 1 mi | 56 |
| Cable, tel, WD-1/TT, 2 conductor | 34 |
| Radio set AN/GRC-160 | 4 |
| Radio set AN/PRC-77 | 6 |
| Radio set AN/VRC-46 | 16 |
| Radio set AN/VRC-47 | 11 |
| Radio set AN/VRC-48 | 1 |
| Radio set AN/VRC-49 | 1 |
| Radio set AN/VRC-64 | 4 |
| Radio set control gp AN/GRC-39 | 22 |
| Radio TT set AN/GRC-142 | 2 |
| Reel, cable, DR-8 | 8 |
| Reeling machine, cable, hand, RL-31 | 7 |
| Reeling machine, cable, hand, RL-39 | 42 |
| Speech security equip TSEC/KY-38 | 17 |
| Switchboard, tel, man, SB-22-PT | 7 |
| Tel connecting and switching gp MX-155/GT | 3 |
| Telephone set, TA-1/PT | 6 |
| Telephone set, TA-312/PT | 95 |

GUNNERY

| | |
|---|----|
| Aiming circle | 12 |
| Computer, gun direction | 3 |
| FD set, arty, 25,000 meter max rg | 10 |
| Plotting board, ind fire, arty/inf,; in meters | 13 |
| Plotting set, arty fire control | 8 |
| Range finder, fire control | 2 |
| Surveying inst, az gyro | 1 |
| Surveying set, arty fire cont, 4th order | 3 |
| Theodolite survey, direct 0.2 mil | 3 |
| Theodolite survey, direct 0.2 mil | 3 |
| FD center, arty | 1 |
| Surveying inst, DME | 3 |

TOE 6-446H
HEADQUARTERS AND HEADQUARTERS BATTERY, FIELD ARTILLERY,
BATTALION, 8-INCH, SELF-PROPELLED



MISSION: To direct and coordinate operations of the battalion and to provide facilities with which the battalion commander can control the battalion.

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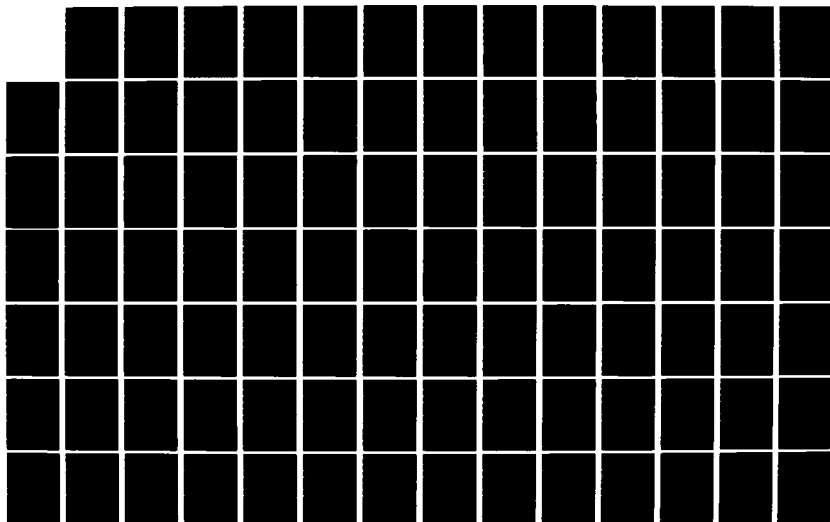
FIELD ARTILLERY REFERENCE DATA(U) ARMY FIELD ARTILLERY
SCHOOL FORT SILL OK JAN 80 SBI-AD-F400 002

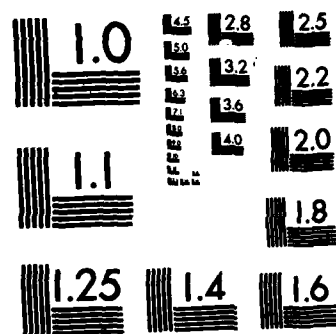
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UNCLASSIFIED

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NL





MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

TOE 6-446H

BN HQ

Personnel

1 05 Bn Cmdr
1 04 XO
1 04 S3
1 03 Motor Off
1 03 Surgeon
1 03 Chaplain
1 03 CE Stf Off
1 03 LO
1 03 S1
1 03 S2
1 E9 CSM

Equipment

4 Pistol cal 45

BTRY HQ

Personnel

1 03 BC
1 E8 1st Sgt
1 E7 Food Svc Sgt
1 E6 Motor Sgt
1 E6 Supply Sgt
1 E5 1st Cook
1 E4 Armorer
1 E4 PLL Clk
2 E4 Cook
1 E4 Equip Maint Clk
1 E4 Pwr Gen/Whl Veh Mech
1 E4 Track Veh Mech
1 E3 Lt Veh Driver
2 E3 Pwr Gen/Whl Veh Mech
1 E3 Cook

Equipment

1 Accy outfit fld range
1 Alarm CML
121 Bayonet
1 Binocular
1 Cabinet tool/sp parts w/drwr
1 Cabinet tool/sp parts 35½H
26 Camouflage screen sys
26 Camouflage screen spt sys
1 Charger btry
3 Charger radiac detector
1 Compass mag
1 Compressor
7 Heater immersion
1 Instal kit MK 1234
2 Lchr gren 40mm
4 Lchr gren prac M190
2 MG 7.62mm w/tripod
125 Mask CBR
1 Multimeter
5 Night vision goggles
5 Night vision sight PVS-4
1 Pistol cal 45
1 Radiac set
4 Radiacmeter IM-93
1 Radiacmeter IM-174

1 Radio set VRC-64
3 Range outfit fld
118 Rifle 5.56mm
5 Tel set TA-312
1 Shop equip auto maint
4 Tool kit mech
1 Tool kit carpenter
1 Tool kit sml arms
1 Tlr ¼T
2 Tlr 1½T
1 Tlr tk wtr
2 Trk 2½T
1 Trk 2½T w/winch
1 Trk ¼T
14 Watch wrist

HQ SUPPORT SECTION

Personnel

1 E7 PAC Supv
1 E6 Reenlist NCO
1 E6 Pers Stf NCO
1 E5 Legal Clk
1 E5 PAC Clk
1 E4 Chapel Act Sp
1 E4 Clk Typist
1 E4 PAC Clk
2 E3 PAC Clk

Equipment

2 Binocular
12 Camouflage screen sys
12 Camouflage screen spt sys
1 Chest hymn book
2 Compass mag
1 Duplicating mach spirit proc
1 Instal kit MK 1306
1 Instal kit MK 1554
1 Instal kit MK 1817
1 MG 7.62mm w/tripod
1 Pwr sup assy veh
1 Radio set VRC-46
1 Radio set VRC-47
1 Speech sec equip KY-38
3 Tel set TA-312
2 Tlr ¼T
1 Tlr ¾T
1 Trk 1¼T
2 Trk ¼T

OPS PLAT HQ

Personnel

1 03 FDO
1 E8 Intel Sgt
1 E8 Ops Sgt
1 E6 NBC Ops Stf NCO
1 E4 Clk Typist
1 E7 FC NCO
2 E4 TF opns sp

Equipment

1 Alarm CML
2 Accy kit MK 1326
2 Antenna RC-292

2 Binocular
5 Camouflage screen sys
5 Camouflage screen spt sys
1 Carrier CP
2 Compass mag
1 DMD
1 Duplicating mach stencil
1 Generator 1.5kw
1 Instal kit MK 1306
1 Instal kit MK 1531
1 Instal kit MK 1554
1 Instal kit MK 1664
1 Light set gen illum
2 Radiacmeter IM-93
1 Radiacmeter IM-174
1 Radio set VRC-46
1 Rad set VRC-47
2 Rad set cont GP GRA-39
3 Speech sec equip KY-38
1 Tool kit FD arty remote
3 Pwr assy
7 Rifle 5.56mm
3 Tel set TA-312
1 Tlr ¼T
1 Tlr ¾T
1 Trk 1¼T
1 Trk ¼T

FDC

Personnel

1 03 FDO
2 E6 TF Comp Opr
2 E5 TF Equip Sp
1 E4 TF Opns Sp
1 E4 Tac Wire Ops Sp
2 E3 TF Opns Sp

Equipment

4 Accy kit
1 Antenna AT-984
6 Antenna RC-292
4 Cable tel DR-8
7 Camouflage screen sys
7 Camouflage screen spt sys
2 Carrier CP
1 Code changer key KYK-28
1 Computer gun dir
4 FD set arty
4 Headset microphone
1 Lchr gren 40mm
1 MG 7.62mm w/tripod
6 Mask prot tk
2 Cable tel 2 cond fld wire
1 Elec key gen half duplex
1 FD center arty
1 Pwr plant elec
4 Tape trans cart
1 Test kit FD sys
2 Trk 5T
4 Plotting bd indir fire
2 Plotting set arty
6 Radio set VRC-46
4 Radio set control sys GRA 39

- 4 Reeling mach RL-39
- 3 Speech sec equip KY-38
- 7 Tel set TA-312

SURVEY SECTION

Personnel

- 1 Lt Recon/Survey Off
- 1 E7 Ch Surveyor
- 3 E6 Ch of Party
- 3 E5 Survey Comp
- 3 E4 Survey Comp/Recorder
- 3 E4 Instr Opr
- 1 E3 Lt Veh Driver
- 3 E3 Rodman/Tapeman

Equipment

- 3 Aiming circle
- 7 Binocular
- 7 Camouflage screen sys
- 7 Camouflages screen spt sys
- 1 Charger btry
- 7 Compass mag
- 1 Instal kit MK 1234
- 3 Lchr gren 40mm
- 3 MG 7.62mm w/tripod
- 2 Periscope BC
- 6 Radio set PRC-77
- 1 Radio set VRC-46
- 2 Range finder laser
- 1 Surveying instr az gyro
- 3 Surveying instr DME
- 3 Surveying set arty fire control
- 1 Tel set TA-312
- 3 Theodolite survey
- 3 Trk 1 1/4T
- 1 Trk 1/4T

LIAISON SECTION

Personnel

- 1 E6 Ln Sgt
- 1 E4 Ln Sp

Equipment

- 1 Antenna RC-292
- 1 Cable tel DR-8
- 2 Camouflage screen sys
- 2 Camouflage screen spt sys
- 2 Compass mag
- 1 Generator 1.5kw
- 1 Instal kit MK 1234
- 1 Instal kit MK 1552
- 1 Lchr gren 40mm
- 1 Pwr sup assy veh
- 1 Radio set VRC-46
- 1 Radio set control gp GRA-39
- 1 Reeling mach RL-39
- 1 Speech sec equip KY-38
- 1 Tel set TA-312
- 1 Tlr 1/4T
- 1 Trk 1/4T

COMTEL PLAT HQ

Personnel

- 1 Lt Plat Ldr
- 1 E8 Tac Comm Ch
- 1 E5 Tac Comm Sys Supv
- 1 E4 Tac Wire Ops Sp
- 1 E3 Veh Driver
- 2 E3 Tac Comm Sys Ops/Mech
- 1 E3 Tac Wire Ops Sp

Equipment

- 2 Antenna RC-292
- 1 Binocular
- 1 Cable tel DR-8
- 6 Camouflage screen sys
- 6 Camouflage screen spt sys
- 1 Code changer key KYK-28
- 1 Compass mag
- 1 Detecting set mine
- 1 Detecting set mine PSS-11
- 1 Generator 1.5kw
- 1 Instal kit MK 1224
- 1 Instal kit MK 1552
- 1 Instal kit MK 1646
- 1 Inverter vibrator
- 1 Lchr gren 40mm
- 1 Multimeter
- 1 Pwr sup assy veh
- 2 Radiometer IM-93
- 1 Radiometer IM-174
- 1 Radio set VRC-49
- 1 Radio set control gp GRA-39
- 1 Reeling mach RL-39
- 1 Reproducer sig data
- 1 Speech sec equip KY-38
- 1 Tac digital regen repeater
- 2 Tel set TA-312
- 1 Test btry
- 1 Test set comp logic
- 1 Test set elec tube
- 1 Test set radio
- 1 Test set radio freq
- 2 Tool kit elec equip
- 1 Tlr 1/4T
- 1 Tlr 3/4T
- 1 Trk 1 1/4T
- 1 Trk 1/4T

WIRE SECTION

Personnel

- 1 E6 Tac Comm Ch
- 4 E5 Tac Wire Ops Tm Ch
- 1 E4 Sr Fld Swbd Opr
- 5 E4 Sr Tac Wire Ops Sp
- 2 E3 Fld Swbd Opr
- 14 E3 Tac Wire Ops Sp

Equipment

- 4 Axle cable reel RL-27
- 2 Cable assy tel CX 4566
- 4 Cable assy tel CX 4760
- 35 Cable tel RL-159 (1 mi)
- 10 Cable tel 2 cond fld wire

- 9 Camouflage screen sys
- 9 Camouflage screen spt sys
- 8 Coil tel repeating
- 4 Lchr gren 40mm
- 4 MG 7.62mm w/tripod
- 4 Reeling mach RL-31
- 4 Reeling mach RL-172
- 4 Splicing kit tel
- 3 Switchboard SB-22
- 8 Tel set TA-312
- 4 Trk 1 1/4T
- 1 Trk 1/4T

RADIO SECTION

Personnel

- 1 E6 Opns Supv
- 2 E5 Opns TM Ch
- 2 E4 RATT Opr
- 2 E3 RATT Opr

Equipment

- 2 Cable tel DR-8
- 4 Camouflage screen sys
- 4 Camouflage screen spt sys
- 2 Elec TT sec equip KW-7
- 2 Generator 5kw
- 2 Headset microphone
- 2 RATT set GRC-142
- 2 Reeling mach RL-39
- 2 Tel set TA-312
- 2 Trk 1 1/4T

MEDICAL SECTION

Personnel

- 1 E6 Sec Sgt
- 1 F. Medical Aidman
- 1 E3 Amb Attendant
- 4 E4 Btry Aidman
- 1 E4 Medical Aidman
- 1 E4 Amb Driver
- 1 E6 Practical Nurse

Equipment

- 1 Blanket set bed
- 11 Camouflage screen sys
- 11 Camouflage screen spt sys
- 10 Mask head wound
- 1 Medical equip set Bn Aid Sta
- 5 Pistol cal 45
- 1 Radiac set
- 1 Gen 1.5kw
- 1 Light set illum
- 1 Splint set
- 8 Surgical instr/sup set
- 1 Tel set TA-312
- 1 Tlr 3/4T

- 1 Trk amb 1¼T
- 1 Trk 1¼T
- 1 Watch wrist
- 2 Shelter sys coll

AD SECTION HQ

Personnel

- 1 Lt Sec Ldr
- 1 E6 Sec Sgt

Equipment

- 1 Cable tel DR-8
- 1 Camouflage screen sys
- 1 Camouflage screen spt sys
- 2 Code changer key
- 1 Generator 1.5kw
- 2 Interrogator set
- 1 Interrogator computer
- 1 Programmer interrogator
- 1 Tng set GM (Stinger)
- 1 Display set tgt alert data
- 1 Instal kit MK 1225
- 1 Radio set VRC-48
- 1 Radio set control gp GRA-39
- 1 Reeling mach RL-39
- 1 Tel set TA-312
- 1 Tlr ¼T
- 1 Trk ¼T

(3) AD TEAMS

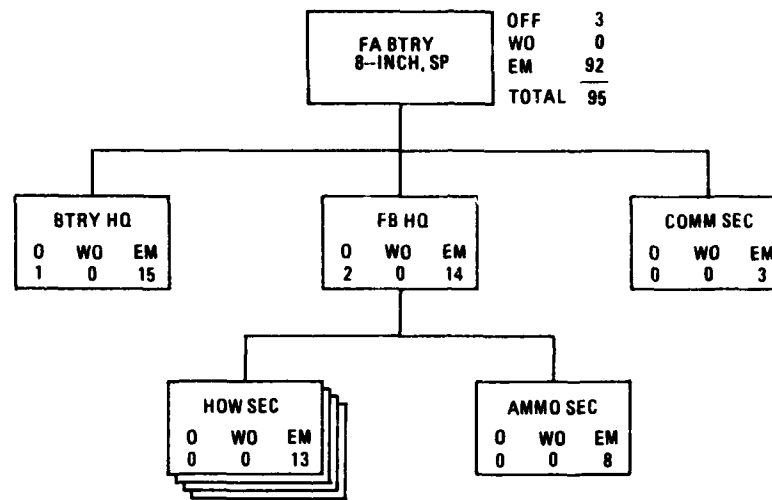
Personnel

- 3 E5 Tm Ch
- 3 E4 Gunner

Equipment

- 6 Binocular
- 3 Cable tel DR-8
- 3 Camouflage screen sys
- 3 Camouflage screen spt sys
- 3 Display set tgt alert data
- 3 Harness GM equip trans
- 6 Interrogator set
- 3 Instal kit MK 1234
- 3 Pistol cal 45
- 3 Radio set GRC-160
- 3 Reeling mach RL-39
- 3 Trainer handling GM lchr
- 6 Tel set TA-1
- 3 Tlr ¼T
- 3 Trk ¼T

TOE 6-447H
FIELD ARTILLERY BATTERY, FIELD ARTILLERY BATTALION,
8-INCH, SELF-PROPELLED



MISSION: To provide a firing component of the 8-inch field artillery battalion, self-propelled and to furnish the firing component's portion of the battalion communications system.

TOE 6-447H

Personnel BTRY HQ

1 O3 BC
1 E8 1st Sgt
1 E6 Food Svc Sgt
1 E6 Motor Sgt
1 E6 Supply Sgt
1 E5 1st Cook
1 E4 Armorer
1 E4 Cook
1 E4 Equip Maint Clk
1 E4 Pwr Gen/Whl Veh Mech
1 E4 Track Veh Mech
1 E4 Pwr Gen/Whl Veh Mech
1 E3 Veh Driver
1 E3 Trk Veh Mech
1 E3 Cook
1 E5 NBC Ops NCO

Equipment

1 Accy outfit fld range
95 Bayonet
1 Binocular
1 Cabinet tool/sp parts w/drwr
1 Cabinet tool/sp parts 35½H
3 Cable tel DR-8
24 Camouflage screen sys
19 Camouflage screen spt sys
2 Charger radiac detector
1 Code changer key
1 Compass mag
1 Compressor
4 Heater immersion
1 Instal kit MK 1306
1 Instal kit MK 1554
2 Lchr gren 40mm
4 Lchr rkt prac M190
2 MG 7.62mm w/tripod
1 MG cal 50
15 Mask prot tk
80 Mask CBR
1 Multimeter
6 Night vision goggles
4 Night vision sight PVS-4
1 Pistol cal 45
1 Pwr sup assy veh
1 Radiac set
2 Radiacmeter IM-93
1 Radiacmeter IM-174
1 Radio st VRC-74
1 Radio set control gp GRA-39
2 Range outfit fld
3 Reeling mach RL-39
94 Rifle 5.56mm
1 Speech sec equip KY-38
2 Tel set TA-312
1 Shop equip auto maint
4 Tool kit mech
1 Tool kit carpenter
1 Tool kit sml arms
1 Tlr ¼T
1 Tlr 1½T
1 Tlr tk wtr

2 Trk 2½T
1 Trk 2½T w/winch
1 Trk ¼T
6 Watch wrist

COMM SECTION

Personnel

1 E6 Tac Comm Ch
1 E4 Tac Wire Ops Sp
1 E3 Tac Wire Ops Sp

Equipment

1 Axle cable RL-27
7 Cable tel RL-159 (1 mi)
6 Cable tel 2 cond fld wire
1 Detecting set mine
1 Detecting set mine PSS-11
1 Lchr gren 40mm
1 Reeling mach RL-31
1 Switchboard SB-22
5 Tel set TA-312

FB HQ

Personnel

1 Lt XC
1 Lt FDO
1 E7 Ch of FB
1 E7 Gunnery Sgt
1 E6 Ch FD Comp
2 E5 Sr FD Sp
1 E4 FD Sp
1 E4 CP Carrier Driver
2 E4 FA Wpns Mech
4 E4 Assembler

Equipment

1 Accy kit MK 1320
1 Accy kit MK 1326
3 Aiming circle
2 Alarm CML
2 Antenna AT-984
4 Antenna RC-292
2 Binocular
5 Cable tel DR-8
10 Camouflage screen sys
6 Camouflage screen spt sys
1 Carrier CP tracked
1 Code changer key KYK-28
2 Compass mag
1 Computer gun dir
1 DMD
1 Data displays set
1 Elec key gen half duplex
1 Instal kit MK 1531
1 Demo set explosive
2 FD set arty
1 Generator 1.5kw
2 Generator 3kw (400 Hz)
1 Generator 3kw (28V)
3 Headset microphone
1 Instal kit MK 1253
1 Instal kit MK 1663
1 Instal kit MK 1644
2 Lchr gren 40mm
1 Light set gen illum

3 Plotting bd indir fire
2 Plotting set arty fire control
1 Purging kit FC
2 Pwr sup assy veh
1 Projectile atomic 8 in tng
2 Radiacmeter IM-93
1 Radiacmeter IM-174
1 Radio st VRC-46
2 Radio set VRC-47
3 Radio st control gp GRA-39
2 Reeling mach RL-39
2 Speech sec equip KY-38
1 Switchboard SB-993
1 Tel conn/switching kit MK-155
5 Tel set TA-312
1 Tool kit arty mech
2 Tool kit spec wpns
2 Tool kit turret mech
1 Tool kit FD arty remote
1 Tlr 1½T
1 Trk 1¼T
1 Trk van shop

(4) HOWITZER SECTIONS

Personnel

4 E6 Sec Ch
4 E5 Gunner
4 E4 Asst Gunner
4 E4 Cargo Carrier Driver
4 E4 Motor Carriage Driver
32 E3 Cannoneer

Equipment

4 Accy kit MK 1295
4 Cable tel DR-8
28 Camouflage screen sys
28 Camouflage screen spt sys
4 Carrier cargo track 6T
4 Compass mag
4 Headset microphone
4 Howitzer 8 in SP
4 Loudspeaker
4 MG cal 50 w/mount
4 MG 7.62mm w/tripod
4 Reeling mach RL-39
4 Tel set TA-312
4 Tlr ammo 1½T

AMMO SECTION

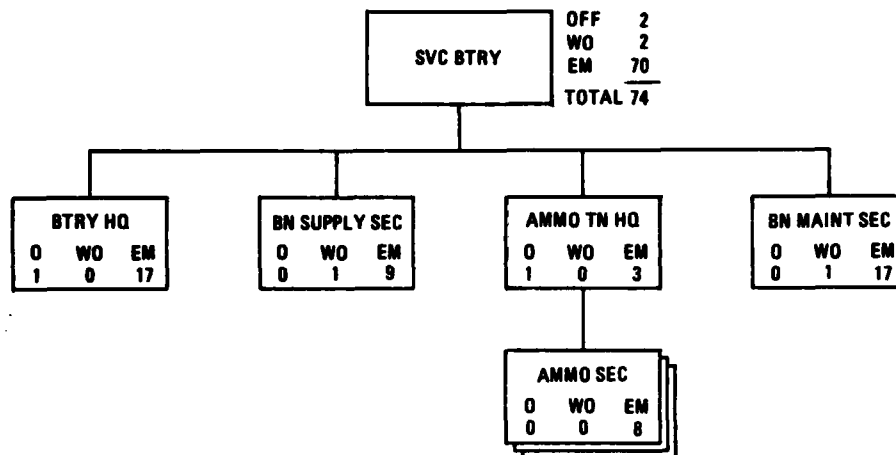
Personnel

1 E5 Sec Ch
1 E5 Hvy Veh Driver
4 E4 Hvy Veh Driver
2 E3 Ammo Hdtr

Equipment

2 Cable tel DR-8
9 Camouflage screen sys
6 Camouflage screen spt sys
3 Lchr gren 40mm
3 MG 7.62mm w/tripod
1 Tel set TA-312
3 Tlr ammo 1½T
3 Trk 8T

TOE 6-449H
SERVICE BATTERY, FIELD ARTILLERY BATTALION
8-INCH, SELF-PROPELLED



MISSION: To procure and distribute supplies of all classes to units of the battalion, to maintain appropriate supply records, and to perform organizational-level maintenance functions not otherwise accomplished within the battalion.

TOE 6-449H

BTRY HQ

Personnel

- 1 O3 BC
- 1 E8 1st Sgt
- 1 E6 Food Svc Sgt
- 1 E6 Motor Sgt
- 1 E6 Supply Sgt
- 1 E5 1st Cook
- 1 E5 Pwr Gen/Whl Veh Mech
- 1 E5 NBC Ops NCO
- 1 E4 Armorer
- 1 E4 Cook
- 1 E4 Equip Maint Clk
- 1 E4 Tac Wire Ops Sp
- 1 E4 Pwr Gen/Whl Veh Mech
- 2 E3 Pwr Gen/Whl Veh Mech
- 1 E3 Cook
- 1 E3 Veh Driver
- 1 E5 Unit Clk

Equipment

- 1 Accy outfit fld range
- 1 Alarm CML
- 1 Antenna RC-292
- 17 Bayonet
- 1 Binocular
- 1 Cabinet tool/sp parts w/drws
- 1 Cabinet tool/sp parts 35½H
- 4 Cable tel DR-8
- 4 Cable tel 2 cond fld wire
- 28 Camouflage screen sys
- 28 Camouflage screen spt sys
- 1 Code changer key KYK-28
- 2 Charger radiac detector
- 4 Coil tel repeating
- 1 Compass mag
- 1 Compressor
- 1 Detecting set mine
- 1 Detecting set mine PSS-11
- 1 Generator 1.5kw
- 4 Heater immersion
- 1 Instal kit MK 1234
- 1 Instal kit MK 1552
- 2 Lchr gren 40mm
- 4 Lchr gren prac
- 1 MG 7.62mm w/tripod
- 17 Mask CBR
- 1 Multimeter
- 5 Night vision goggles
- 4 Night vision sight PVS-4
- 1 Pistol cal 45
- 1 Pwr sup assy veh
- 1 Radiac set
- 2 Radiacmeter IM-93
- 1 Radiacmeter IM-174
- 1 Radio set VRC-46
- 1 Radio set control gp GRA-39
- 2 Range outfit fld
- 8 Reel cable DR-8
- 3 Reeling mach RL-39
- 16 Rifle 5.56mm

- 1 Speech sec equip KY-38
- 1 Switchboard SB-22
- 6 Tel set TA-312
- 1 Shop equip auto maint
- 4 Tool kit mech
- 1 Tool kit carpenter
- 1 Tool kit sml arms
- 2 Tlr 1½T
- 1 Tlr tk wtr
- 2 Trk 2½T
- 1 Trk ¼T
- 1 Trk 2½T w/winch
- 5 Watch wrist

BN MAINT SECTION

Personnel

- 1 WO Auto Maint Tech
- 1 E8 Motor Sgt
- 2 E5 Sr Recovery Veh Opr
- 1 E5 Pwr Gen Opr/Mech
- 2 E4 Recovery Veh Opr
- 1 E4 PLL Clk
- 1 E4 Track Veh Mech
- 1 E4 Welder
- 1 E4 Wrecker Opr
- 1 E4 Pwr Gen/Whl Veh Mech
- 2 E3 Track Veh Mech
- 2 E3 Recovery Veh Opr
- 2 E3 Pwr Gen/Whl Veh Mech

Equipment

- 1 Accy kit MK 1259
- 2 Accy kit MK 1296
- 18 Bayonet
- 2 Cabinet tool/sp parts 3 shelves
- 1 Cabinet tool/sp parts 35½H
- 18 Camouflage screen sys
- 18 Camouflage screen spt sys
- 1 Compressor
- 2 Generator 1.5kw
- 2 Generator 3kw
- 1 Heater duct type
- 1 Instal kit MK 1817
- 2 Lchr gren 40mm
- 3 MG cal 50
- 2 MG 7.62mm w/tripod
- 6 Mask prot tk
- 12 Mask CBR
- 1 Multimeter
- 2 Charger btry
- 6 Pistol cal 45
- 1 Radio set GRC-160
- 2 Radio set VRC-64
- 2 Recovery veh full track lt armd
- 1 Recovery veh full track med
- 12 Rifle 5.56mm
- 6 Submachinegun cal 45
- 1 Tel set TA-312
- 1 Shop equip auto maint
- 7 Tool kit mech
- 1 Tool kit welder
- 1 Tool set veh full track
- 1 Tlr ¾T

- 1 Tlr 1½T
- 1 Trk 1¼T
- 1 Trk 2½T
- 1 Trk ¼T
- 1 Trk wrecker 10T

AMMO TRAIN HQ

Personnel

- 1 Lt Ammo Off
- 1 E7 Ammo Supply Sgt
- 1 E4 Ammo Agent
- 1 E4 Ammo Clk

Equipment

- 1 Alarm CML
- 4 Bayonet
- 2 Camouflage screen sys
- 2 Camouflage screen spt sys
- 1 Code changer key KYK-28
- 1 Instal kit MK 1246
- 1 Instal kit MK 1663
- 4 Mask CBR
- 1 Pwr sup assy veh
- 2 Radiacmeter IM-93
- 1 Radiacmeter IM-174
- 1 Radio set VRC-46
- 4 Rifle 5.56mm
- 1 Speech sec equip KY-38
- 1 Tool kit sp wpns
- 1 Tel set TA-312
- 1 Trk 1¼T
- 1 Demo set explosive

(3) AMMO SECTION

Personnel

- 3 E6 Sec Ch
- 1 E6 Hvy Veh Driver
- 3 E5 Hvy Veh Driver
- 5 E4 Hvy Veh Driver
- 12 E3 Ammo Handler

Equipment

- 24 Bayonet
- 18 Camouflage screen sys
- 18 Camouflage screen spt sys
- 3 Lchr gren 40mm
- 3 MG 7.62mm w/tripod
- 24 Mask CBR
- 24 Rifle 5.56mm
- 9 Tlr 1½T
- 9 Trk 8T

BN SUPPLY SECTION

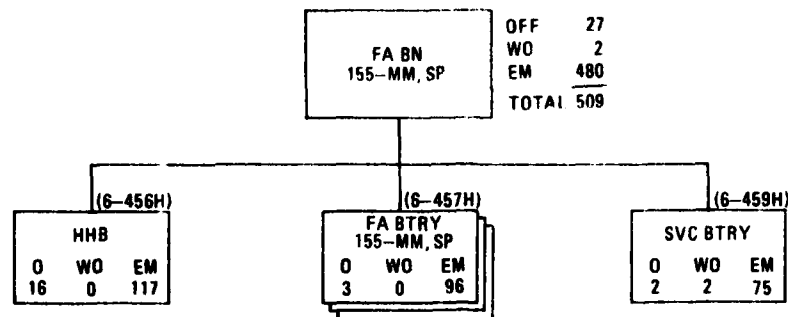
Personnel

- 1 WO Unit Supply Tech
- 1 E7 Supply Sgt
- 1 E5 Gen Supplyman
- 2 E4 POL Sp
- 2 E4 Gen Supplyman
- 2 E4 Veh Driver
- 1 E3 Gen Supplyman

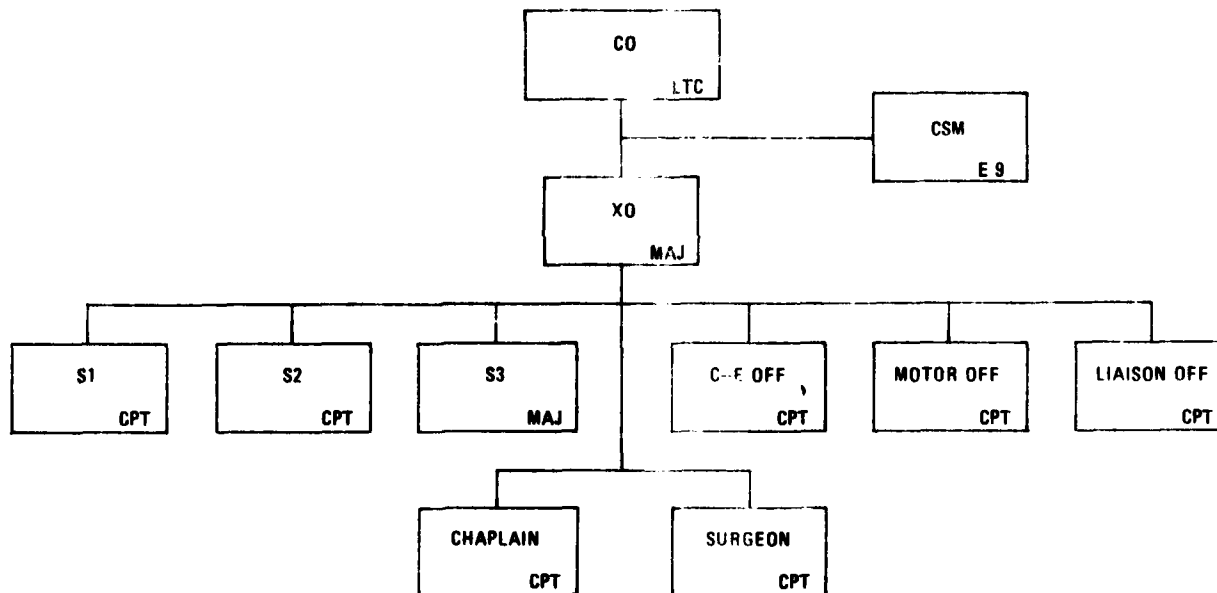
Equipment

- 10 Bayonet
- 17 Camouflage screen sys
- 17 Camouflage screen spt sys
- 2 Lchr gren 40mm
- 1 MG 7.62mm w/tripod
- 10 Mask CBR
- 10 Rifle 5.56mm
- 2 Trk pump unit liquid disp
- 2 Trk unit
- 2 Tel set TA-312
- 2 Tlr 1½T
- 2 Trk 2½T
- 2 Trk 5T

TOE 6-455H
FIELD ARTILLERY BATTALION, 155-MM, SELF-PROPELLED



STAFF (TOE 6-456H)



TOE 6-455H

MISSION: To provide field artillery fire support, including nuclear fires, to units of a division or a corps.

SUMMARY — MAJOR ITEMS OF EQUIPMENT

TRANSPORTATION

| | |
|--|----|
| Carrier, cargo, 6-ton, tracked | 18 |
| Carrier, command post | 5 |
| Recovery vehicle M578 | 2 |
| Tank and pump unit (trk-mounting) | 2 |
| Trailer, ammo, 1 1/2-ton | 36 |
| Trailer, cargo, 1/4-ton | 13 |
| Trailer, cargo, 3/4-ton | 3 |
| Trailer, cargo, 1 1/2-ton | 9 |
| Trailer, tank, water, 400-gal, 1 1/2-ton | 5 |
| Truck, ambulance, 1/4-ton, 4 x 4 | 1 |
| Truck, cargo, 1 1/4-ton, 6 x 6 | 19 |
| Truck, cargo, 2 1/2-ton, 6 x 6 | 14 |
| Truck, cargo, 2 1/2-ton, 6 x 6, w/winch | 4 |
| Truck, cargo, 5-ton, 8 x 8 | 2 |
| Truck, cargo, 8-ton, 4 x 4 | 18 |
| Truck, utility, 1/4-ton, 4 x 4 | 17 |
| Truck, wrecker, 10-ton, 4 x 4 | 1 |
| Truck, cargo, 5-ton | 2 |

MATERIEL

| | |
|----------------------------------|-----|
| Howitzer, SP, 155-mm | 18 |
| Launcher, grenade, 40-mm | 36 |
| Launcher, rocket, practice, M190 | 20 |
| Machinegun, cal 50 | 41 |
| Machinegun, 7.62-mm | 33 |
| Pistol, cal 45 | 20 |
| Rifle, 5.56-mm | 483 |
| Submachine, cal 45 | 4 |

COMMUNICATIONS

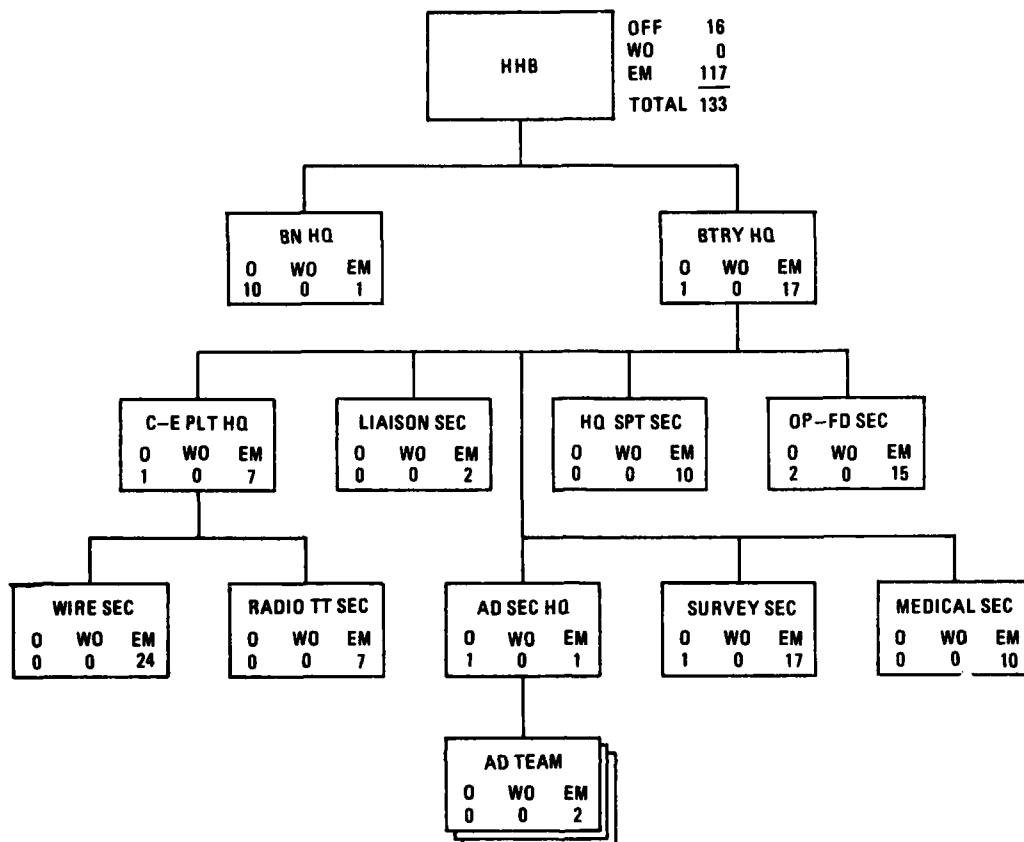
| | |
|-------------------|----|
| Antenna, AT-984/G | 7 |
| Antenna, RC-292 | 24 |

| | |
|--|----|
| Cable, assembly, tel, CX 4566/G | 2 |
| Cable, assembly, tel, CX 4760/U, 15 ft | 4 |
| Cable, tel, WD-1/TT, DR-8, 1/4-mi | 72 |
| Cable, tel, WD-1/TT, RL-159/U, 1 mi | 56 |
| Cable, tel WD-1/TT, 2 conductor | 30 |
| Radio set AN/GRC-160 | 5 |
| Radio set AN/PRC-77 | 6 |
| Radio set AN/VRC-46 | 16 |
| Radio set AN/VRC-47 | 11 |
| Radio set AN/VRC-48 | 1 |
| Radio set VRC-49 | 1 |
| Radio set AN/VRC-64 | 2 |
| Radio set control gp AN/GRA-39 | 22 |
| Radio TT set AN/GRC-142 | 2 |
| Reeling machine, cable, hand, RL-31 | 7 |
| Reeling machine, cable, hand, RL-39 | 43 |
| Speech, sec, equip, TSEC/KY-38 | 18 |
| Switchboard, tel, man, SB-22/PT | 8 |
| Switchboard, SB-993 | 3 |
| Tel connecting and switching gp MX-155/GT | 3 |
| Telephone set TA-1/PT | 6 |
| Telephone set TA-312/PT | 97 |

GUNNERY

| | |
|--|----|
| Aiming circle | 12 |
| Computer, gun direction | 4 |
| Plotting board, ind fire, arty/inf, in meters | 13 |
| Plotting set, arty fire control | 7 |
| Range finder, fire control (Laser) | 2 |
| FD center, arty | 1 |

TOE 6-456H
HEADQUARTERS AND HEADQUARTERS BATTERY, FIELD ARTILLERY BATTALION,
155-MM, SELF-PROPELLED



MISSION: To direct and coordinate operations of the battalion and to provide facilities with which the battalion commander can control the battalion.

TOE 6-456H

BN HQ

Personnel

1 05 Bn Cmdr
1 04 XO
1 04 S3
1 03 Bn Motor Off
1 03 Bn Surgeon
1 03 Chaplain
1 03 CE Stf Off
1 03 LO
1 03 S1
1 03 S2
1 E9 CSM

Equipment

4 Pistol cal 45

BTRY HQ

Personnel

1 03 BC
1 E8 1st Sgt
1 E7 Food Svc Sgt
1 E6 Motor Sgt
1 E6 Supply Sgt
1 E5 1st Cook
1 E4 Armorer
2 E4 Cook
1 E4 Equip Maint Clk
1 E4 Pwr Gen/Whl Veh Mech
1 E4 PLL Clk
1 E4 Track Veh Mech
1 E3 Cook
2 E3 Pwr Gen/Whl Veh Mech
1 E3 Track Veh Mech
1 E3 Lt Veh Driver

Equipment

1 Accy outfit fld range
1 Alarm CML
123 Bayonet
1 Binocular
1 Cabinet tool/sp parts w/drwr
1 Cabinet tool/sp parts 35½H
24 Camouflage screen sys
24 Camouflage screen spt sys
1 Charger btry
3 Charger radiac detector
1 Compass mag
1 Compressor
7 Heater immersion
1 Instal kit MK 1234
1 Lchr gren 40mm
4 Lchr rkt prac
3 MG 7.62mm w/tripod
123 Mask CBR
1 Multimeter
5 Night vision goggles
4 Night vision sight PVS 4
1 Pistol cal 45
2 Radiacmeter IM-93
1 Radiacmeter IM 174

1 Radio set GRC-160
3 Range outfit fld
120 Rifle 5.56mm
3 Tel set TA-312
1 Shop equip auto maint
5 Tool kit mech
1 Tool kit carpenter
1 Tool kit sml arms
1 Tlr ¼T
1 Tlr 1½T
1 Tlr tk wtr
3 Trk 2½T
1 Trk ¼T
14 Watch wrist

HQ SPT SECTION

Personnel

1 E7 PAC Supv
1 E6 Reenlist NCO
1 E6 Pers Stf NCO
1 E5 Legal Clk
1 E5 PAC Clk
1 E4 Chapel Act Sp
1 E4 Clk Typist
1 E4 PAC Clk
2 E3 PAC Clk

Equipment

2 Binocular
11 Camouflage screen sys
11 Camouflage screen spt sys
1 Chest hymn book
1 Code changer key KYK-28
2 Compass mag
1 Duplicating mach spirit proc
1 Instal kit MK 1246
1 Instal kit MK 1306
1 Instal kit MK 1554
1 Instal kit MK 1663
2 Pwr sup assy veh
1 Radio set VRC-46
1 Radio set VRC-47
2 Speech sec equip KY-38
3 Tel set TA-312
2 Tlr ¼T
1 Trk 1¼T
2 Trk ¼T

OPS-FDC

Personnel

2 03 FDO
1 E8 Intel Sgt
1 E8 Ops Sgt
1 E7 FC NCO
2 E6 TF Comp Opr
1 E6 NBC Ops NCO
6 E5 FD Comp
2 E4 TF Opns Sp
1 E4 Clk Typist
1 E4 TF Opns Sp
1 E4 Tac Wire Ops Sp
2 E3 TF Opns Sp
2 E5 TF Equip Sp

Equipment

5 Accy kit MK 1326
1 Alarm CML
1 Antenna AT-984
8 Antenna RC-292
2 Binocular
5 Cable tel DR-8
2 Cable tel
2 Cond fld wire
11 Camouflage screen sys
11 Camouflage screen spt sys
2 Carrier CP
1 Code changer key KYK-28
2 Compass mag
1 FD gen arty
1 Duplicating mach stencil
1 Elec key gen half duplex
4 FD set arty
1 Generator 1.5kw
4 Headset microphone
1 Instal kit MK 1246
1 Instal kit MK 1306
1 Instal kit MK 1531
1 Instal kit MK 1554
2 Instal kit MK 1644
2 Lchr gren 40mm
1 Light set gen illum
1 Locking device atomic tng
1 MG 7.62mm w/tripod
4 Mask prot tk
4 Plotting bd
1 Plotting set
3 Pwr sup assy veh
1 Pwr plant elec
2 Radiacmeter IM-93
1 Radiacmeter IM-174
8 Radio set VRC-46
1 Radio set VRC-47
6 Radio set control gp GRA-39
5 Reeling mach RL-39
3 Speech sec equip KY-38
1 Switchboard SB-22
4 Tape trans cart
8 Tel set TA-312
1 Tlr ¼T
1 Trk 1¼T
1 Trk ¼T
4 Trk 5T
1 VPMED

SURVEY SECTION

Personnel

1 Lt Recon/Survey Off
1 E7 Ch Surveyor
3 E6 Ch Survey Party
3 E5 Survey Comp
3 E4 Survey Comp/Recorder
3 E4 Instr Opr
3 E3 Rodman/Tapeman
1 E3 Lt Veh Driver

Equipment

3 Aiming circle
7 Binocular

- 7 Camouflage screen sys
- 7 Camouflage screen spt sys
- 1 Charger btry
- 7 Compass mag
- 1 Instal kit MK 1234
- 3 Lchr gren 40mm
- 6 Light sig survey
- 3 MG 7.62mm w/ tripod
- 2 Periscope BC
- 6 Radio set PRC-77
- 1 Radio set VRC-46
- 2 Range finder laser
- 2 Surveying instr az gyro
- 3 Surveying instr DME
- 3 Survey set 4th order
- 1 Tel set TA-312
- 3 Theodolite survey
- 3 Trk 1/4T
- 1 Trk 1/4T

LIAISON SECTION

Personnel

- 1 E6 Ln Sgt
- 1 E4 Ln Sp

Equipment

- 1 Antenna RC-292
- 1 Binocular
- 1 Cable tel DR-8
- 2 Camouflage screen sys
- 2 Camouflage screen spt sys
- 1 Compass mag
- 1 Generator 1.5kw
- 1 Instal kit MK 1234
- 1 Instal kit MK 1552
- 1 Pwr sup assy veh
- 1 Radio set VRC-46
- 1 Radio set control gp GRA-39
- 1 Reeling mach RL-39
- 1 Speech sec equip KY-38
- 1 Tel set TA-312
- 1 Tlr 1/4T
- 1 Trk 1/4T

CE PLAT HQ

Personnel

- 1 Lt Plat Ldr
- 1 E8 Tac Comm Ch
- 1 E5 Tac Comm Sys Supv
- 1 E4 Tac Wire Ops Sp
- 2 E3 Tac Comm Sys Op Mech
- 1 E3 Veh Driver
- 1 E3 Tac Wire Ops Sp

Equipment

- 2 Antenna RC 292
- 1 Binocular
- 1 Cable tel DR-8
- 6 Camouflage screen sys
- 6 Camouflage screen spt sys
- 1 Code changer key KYK-28
- 1 Compass mag

- 1 Detecting set mine
- 1 Detecting set mine PSS-11
- 1 Generator 1.5kw
- 1 Instal kit MK 1224
- 1 Instal kit MK 1552
- 1 Instal kit MK 1646
- 1 Inverter vibrator
- 1 Lchr gren 40mm
- 1 Multimeter
- 1 Pwr sup assy veh
- 2 Radiacmeter IM-93
- 1 Radiacmeter IM-174
- 1 Radio set VRC-49
- 1 Radio set control gp GRA-39
- 1 Reeling mach RL-39
- 1 Reproducer sig data
- 1 Speech sec equip KY-38
- 1 Tac digital regen repeater
- 2 Tel set TA-312
- 1 Test btry
- 1 Test set comp logic
- 1 Test set elec tube
- 1 Test set radio
- 1 Test set radio freq
- 2 Tool kit elec equip
- 1 Tlr 1/4T
- 1 Trk 1/4T
- 1 Trk 1/4T

WIRE SECTION

Personnel

- 1 E6 Tac Comm Ch
- 4 E5 Tac Wire Ops Tm Ch
- 5 E4 Tac Wire Ops Sp
- 14 E3 Tac Wire Ops Sp

Equipment

- 4 Axle cable RL-27
- 2 Cable assy tel CX 4566
- 4 Cable assy tel CX 4760
- 35 Cable tel RL-159
- 10 Cable tel 2 cond fld wire
- 9 Camouflage screen sys
- 9 Camouflage screen spt sys
- 6 Coil tel repeating
- 4 Lchr gren 40mm
- 4 MG 7.62mm w/ tripod
- 4 Reeling mach RL-31
- 4 Reeling mach RL-172
- 4 Splicing kit tel
- 3 Switchboard SB-22
- 4 Trk 1/4T
- 1 Trk 1/4T
- 8 Tel set TA-312

RATT SECTION

Personnel

- 1 E6 RATT Ops Supv
- 2 E5 RATT Ops Tm Ch
- 2 E4 RATT Opr
- 2 E3 RATT Opr

Equipment

- 2 Cable tel DR-8
- 4 Camouflage screen sys
- 4 Camouflage screen spt sys
- 2 Elec TT sec equip KW-7
- 2 Generator 5kw
- 2 Headset microphone
- 2 RATT set GRC-142
- 2 Reeling mach RL-39
- 2 Tel set TA-312
- 2 Trk 1/4T

MEDICAL SECTION

Personnel

- 1 E6 Sec Sgt
- 1 E6 Prac Nurse
- 1 E5 Medical Aidman
- 4 E4 Btry Aidman
- 1 E4 Medical Aidman
- 1 E3 Amb Driver
- 1 E3 Amb Attendant

Equipment

- 1 Blanket set bed
- 10 Camouflage screen sys
- 10 Camouflage screen spt sys
- 10 Mask headwound
- 1 Med equip set Bn Aid Sta
- 4 Pistol cal 45
- 1 Radiac set
- 1 Splint set
- 8 Surgical instr/sup set
- 1 Tel set TA-312
- 1 Trk amb 1/4T
- 1 Trk 1/4T
- 1 Watch wrist
- 1 Gen 1.5kw
- 1 Lt set gen illum
- 2 Shelter sys coll

AD SECTION HQ

Personnel

- 1 Lt Sec Ldr
- 1 E6 Sec Sgt

Equipment

- 1 Cable tel DR-8
- 1 Camouflage screen sys
- 1 Camouflage screen spt sys
- 2 Code changer key
- 1 Gen 1.5kw
- 2 Interrogator set
- 1 Interrogator computer
- 1 Programmer interrogator set
- 1 Display set tgt alert data
- 1 Instal kit MK 1225
- 1 Radio set VRC-48
- 1 Radio set control gp GRA-39
- 1 Reeling mach RL-39
- 1 Tng set GM (Stinger)
- 1 Tng GM (Redeye)

1 Tel set TA-312
1 Tlr ¼T
1 Trk ¼T

(3) AD TEAMS

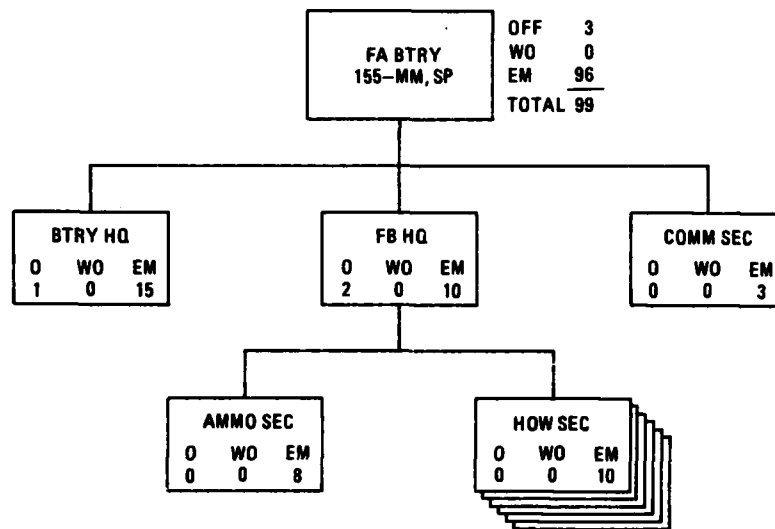
Personnel

3 E5 Redeye Tm Ch
3 E4 Redeye Gunner

Equipment

6 Binocular
3 Cable tel DR-8
3 Camouflage screen sys
3 Camouflage screen spt sys
3 Display set tgt alert data
3 Harness GM equip trans
3 Instal kit MK 1234
3 Pistol cal 45
3 Reeling mach RL-39
3 Radio set GRC-160
6 Tel set TA-1
3 Trainer handling GM lchr
3 Tlr ¼T
3 Trk ¼T
6 Watch wrist

TOE 6-457H
FIELD ARTILLERY BATTERY, 155-MM, SELF-PROPELLED



MISSION: To provide a firing component of the field artillery battalion, 155-mm, self-propelled.

TOE 6-457H

BTRY HQ

Personnel

- 1 O3 BC
- 1 E8 1st Sgt
- 1 E6 Food Svc Sgt
- 1 E6 Supply Sgt
- 1 E6 Motor Sgt
- 1 E5 1st Cook
- 1 E5 NBC Ops NCO
- 1 E4 Armorer
- 1 E4 Cook
- 1 E4 Equip Maint Ck
- 1 E4 Pwr Gen/Whl Veh Mech
- 1 E4 Trk veh Mech
- 1 E3 Cook
- 2 E3 Trk Veh Mech
- 1 E3 Veh Driver

Equipment

- 1 Accy outfit fld range
- 99 Bayonet
- 1 Binocular
- 1 Cabinet tool sp parts w/ drawers
- 1 Cabinet tool sp parts 35 1/2 H
- 1 Cable DR-8
- 24 Camouflage screen sys
- 19 Camouflage screen spt sys
- 2 Charger radiac
- 1 Code changer key KYK-28
- 1 Compass mag
- 1 Compressor
- 4 Heater immersion
- 1 Instal kit MK 1306
- 1 Instal kit MK 1554
- 2 Lchr gren 40mm
- 1 MG cal 50 w/ mount
- 2 MG 7.62mm w/ tripod
- 21 Mask prot tk
- 78 Mask CBR
- 1 Multimeter
- 6 Night vision goggles
- 4 Night vision sight PVS 4
- 1 Pistol cal 45
- 1 Pwr sup assy veh
- 1 Radiac set
- 2 Radiacmeter IM 93
- 1 Radiacmeter IM 174
- 1 Radio set VRC 47
- 1 Radio set control gp GRA-39
- 2 Range outfit fld
- 98 Rifle 5.56mm
- 1 Speech sec equip KY 38
- 2 Tel set TA 312
- 1 Shop equip auto maint
- 4 Tool kit mech
- 1 Tool kit carpenter
- 1 Tool kit sml arms
- 1 Tlr 1 1/2 T
- 1 Tlr tk wtr
- 2 Trk 2 1/2 T
- 4 Lchr rkt prac

- 1 Tlr 4T
- 1 Trk 1 1/2 T w/ winch
- 1 Trk 4T
- 6 Watch wrist

COMM SECTION

Personnel

- 1 E6 Tac Comm Ch
- 1 E4 Tac Wire Ops Sp
- 1 E3 Tac Wire Ops Sp

Equipment

- 1 Axle cable reel RL 27
- 7 Cable tel RL-159 (1 mi)
- 6 Cable tel 2 cond fld wire
- 1 Detecting set mine
- 1 Detecting set mine PSS 11
- 1 Lchr gren 40mm
- 1 Reeling mach RL-31
- 1 Switchboard SB-22
- 5 Tel set TA 312

FB HQ

Personnel

- 1 Lt XO
- 1 Lt FDO
- 1 E7 Ch of FB
- 1 E7 Gunnery Sgt
- 1 E6 Ch FD Comp
- 1 E5 FD Sp
- 1 E4 FD Sp
- 1 E4 SP Carrier Driver
- 2 E1 FA Wpns Mech
- 2 E3 FD Sp

Equipment

- 1 Accy kit MK 1320
- 3 Aiming circle
- 2 Alarm CML
- 2 Antenna AT 984
- 4 Antenna RC 292
- 2 Binocular
- 8 Cable tel DR 8
- 6 Camouflage screen sys
- 5 Camouflage screen spt sys
- 1 Carrier CP light tracked
- 1 Code changer key KYK 28
- 2 Compass mag
- 1 Computer gun dir
- 1 Demo set explosive
- 2 FD set arty
- 1 Accy kit MK 1326
- 1 DMD
- 1 Data display arty btry
- 1 Elec key gen half duplex
- 1 Gen 3kw
- 1 Instal kit MK 1531
- 1 Purging kit FC
- 1 Generator 1.5kw
- 2 Generator 3kw
- 3 Headset microphone
- 1 Instal kit MK 1253
- 1 Instal kit MK 1663

- 1 Instal kit MK 1644
- 1 Light set gen illum
- 3 Plotting bd
- 2 Plotting set arty FC
- 2 Pwr sup assy veh
- 2 Radiacmeter IM-93
- 1 Radiacmeter IM-174
- 1 Radio set VRC-46
- 2 Radio set VRC-47
- 3 Radio set control gp GRA-39
- 3 Reeling mach RL-39
- 2 Speech sec equip KY 38
- 1 Swbd SB 993
- 1 Tel conn/switching gp MX-155
- 5 Tel set TA-312
- 1 Tool kit FD arty
- 2 Tool kit turrent
- 1 Tool kit arty mech
- 1 Tool kit sp wpns
- 1 Tlr 3/4 T
- 1 Trk 1 1/4 T

(6) HOWITZER SECTIONS

Personnel

- 6 E6 Ch of Sec
- 6 E5 Gunner
- 6 E4 Asst Gunner
- 6 E4 Cargo Carrier Driver
- 6 E4 Motor Carriage Driver
- 6 E4 Cannoneer/Assembler
- 24 E3 Cannoneer

Equipment

- 6 Accy kit MK 1301
- 6 Cable tel DR-8
- 48 Camouflage screen sys
- 48 Camouflage screen spt sys
- 6 Carrier cargo tracked 6T
- 6 Compass mag
- 6 Headset microphone
- 6 Howitzer med SP 155mm
- 6 Loudspeaker
- 12 MG cal 50 w/ mount
- 6 Reeling mach RL-39
- 6 Tel set TA-312
- 6 Tl. ammo 1 1/2 T

AMMO SECTION

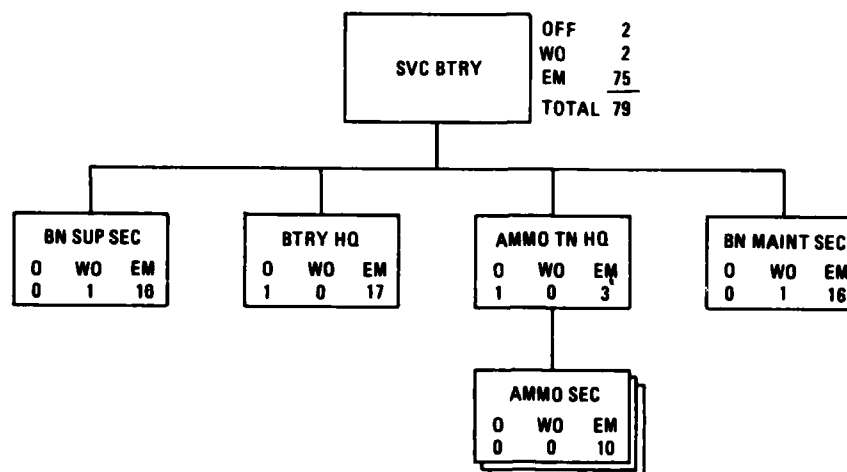
Personnel

- 1 E5 Sec Ch
- 1 E5 Hvy Veh Driver
- 4 E4 Hvy Veh Driver
- 2 E3 Ammo Handler

Equipment

- 2 Cable tel DR 8
- 9 Camouflage screen sys
- 6 Camouflage screen spt sys
- 1 Demo set explosive
- 3 Lchr gren 40mm
- 3 MG 7.62mm w/ tripod
- 1 Tel set TA 312
- 3 Tlr ammo 1 1/2 T
- 3 Trk 8T

TOE 6-459H
SERVICE BATTERY, FIELD ARTILLERY BATTALION,
155-MM, SELF-PROPELLED



MISSION: To procure and distribute supplies of all classes to units of the battalion and to perform organizational-level maintenance functions not otherwise accomplished within the battalion.

TOE 6-459H

BTRY HQ

Personnel

- 1 O3 BC
- 1 E8 1st Sgt
- 1 E6 Food Svc Sgt
- 1 E6 Supply Sgt
- 1 E6 Motor Sgt
- 1 E5 1st Cook
- 1 E5 Pwr Gen/Whl Veh Mech
- 1 E5 NBC OPNS NCO
- 1 E4 Armorer
- 1 E4 Cook
- 1 E4 Equip Maint Clk
- 1 E4 PLL Clk
- 1 E4 Tac Wire Ops Sp
- 1 E4 Pwr Gen/Whl Veh Mech
- 1 E3 Cook
- 2 E3 Pwr Gen/Whl Veh Mech
- 1 E3 Lt Veh Driver

Equipment

- 1 Accy outfit fld range
- 1 Alarm CML
- 1 Antenna RC-292
- 18 Bayonet
- 1 Binocular
- 1 Cabinet tool/sp parts w/drws
- 1 Cabinet tool/sp parts 35½H
- 8 Cable tel DR-8
- 28 Camouflage screen sys
- 28 Camouflage screen spt sys
- 2 Charger radiac detector
- 2 Coil tel rptng
- 1 Compass mag
- 1 Compressor
- 1 Detecting set mine
- 1 Detecting set mine PSS-11
- 1 Generator 1.5kw
- 4 Heater immersion
- 1 Instal kit MK 1234
- 1 Instal kit MK 1552
- 2 Lchr gren 40mm
- 2 Lchr rkt prac M190
- 1 MG 7.62mm w/tripod
- 18 Mask CBR
- 1 Multimeter
- 5 Night vision goggles
- 4 Night vision sight PVS-4
- 1 Pistol cal 45
- 2 Tank/pump unit liquid disp
- 2 Tank unit liquid disp
- 1 Pwr sup assy veh
- 1 Radiac set
- 2 Radiacmeter IM-93
- 1 Radio set VRC-46
- 1 Radio set control gp GRA-39
- 2 Range outfit fld
- 3 Reeling mach RL 39
- 17 Rifle 5.56mm
- 1 Speech sec equip KY-38
- 1 Radiacmeter IM-174

- 1 Switchboard SB-22
- 6 Tel set TA-312
- 1 Shop equip
- 4 Tool kit mech
- 1 Tool kit carpenter
- 1 Tool kit sml arms
- 1 Tlr tk wtr
- 1 Tlr 1½T
- 2 Trk pump liquid disp
- 2 Trk unit liquid disp
- 1 Trk 1¼T
- 2 Trk 2½T
- 1 Trk ¼T
- 5 Watch wrist

BN MAINT SECTION

Personnel

- 1 WO Auto Maint Tech
- 1 E8 Motor Sgt
- 1 E5 Sr Recovery Veh Opr
- 1 E5 Track Veh Mech
- 1 E4 Pwr Gen/Whl Veh Mech
- 1 E4 PLL Clk
- 1 E4 Recovery Veh Opr
- 1 E4 Track Veh Mech
- 1 E4 Welder
- 1 E4 Wrecker Opr
- 2 E3 Track Veh Mech
- 2 E3 Recovery Veh Opr
- 2 E3 Pwr Gen/Whl Veh Mech

Equipment

- 2 Accy kit MK 1296
- 16 Bayonet
- 2 Cabinet tool/sp parts 3 shelves
- 1 Cabinet tool/sp parts 35½H
- 21 Camouflage screen sys
- 21 Camouflage screen spt sys
- 1 Compressor
- 3 Generator 1.5kw
- 2 Generator 3kw
- 1 Heater duct type
- 1 Instal kit MK 1234
- 1 Lchr gren 40mm
- 1 Light set gen illum
- 2 MG 50 cal veh mtd
- 2 MG 7.62mm w/tripod
- 4 Mask prot tk
- 12 Mask CBR
- 1 Multimeter
- 2 Charger btry
- 4 Pistol cal 45
- 1 Radio set GRC-160
- 2 Radio set VRC-64
- 2 Recovery veh full tracked lt
- 12 Rifle 5.56mm
- 4 Submachine cal 45
- 1 Tel set TA-312
- 1 Shop equip auto maint
- 8 Tool kit mech
- 1 Tool kit welder
- 1 Tool set veh full tracked
- 2 Tlr 1½T

- 2 Trk 2½T
- 1 Trk ¼T
- 1 Trk wrecker 10T

AMMO TRAIN HQ

Personnel

- 1 Lt 1 Lt Ammo Off
- 1 E7 Ammo Supply Sgt
- 1 E4 Ammo Sp
- 1 E4 Ammo Clk

Equipment

- 1 Alarm CML
- 4 Bayonet
- 2 Camouflage screen sys
- 2 Camouflage screen spt sys
- 1 Code changer key KYK-28
- 1 Demo set explosive
- 1 Instal kit MK 1246
- 1 Instal kit MK 1663
- 4 Mask CBR
- 1 Pwr sup assy veh
- 2 Radiacmeter IM-93
- 1 Radiacmeter IM-174
- 1 Radio set VRC-46
- 4 Rifle 5.56mm
- 1 Speech sec equip KY-38
- 1 Tel set TA-312
- 1 Trk 1¼T
- 1 Tool kit sp wpns

(3) AMMO SECTIONS

Personnel

- 3 E6 Sec Ch
- 1 E6 Hvy Veh Driver
- 3 E5 Hvy Veh Driver
- 5 E4 Hvy Veh Driver
- 18 E3 Ammo Handler

Equipment

- 30 Bayonet
- 18 Camouflage screen sys
- 18 Camouflage screen spt sys
- 3 Lchr gren 40mm
- 3 MG 7.62mm w/tripod
- 30 Mask CBR
- 30 Rifle 5.56mm
- 9 Tlr ammo 1½T
- 9 Trk 8T

BN SUPPLY SECTION

Personnel

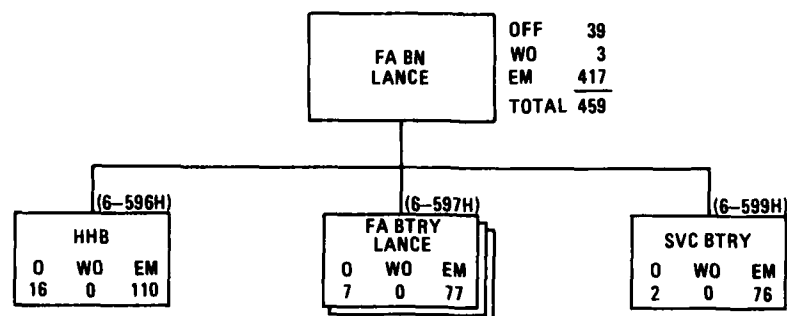
- 1 WO Unit Sup Tech
- 1 E7 Sup Sgt
- 1 E5 Gen Supplyman
- 2 E4 Veh Driver
- 2 E4 Gen Supplyman
- 3 E3 Veh Driver
- 1 E3 Gen Supplyman

Equipment

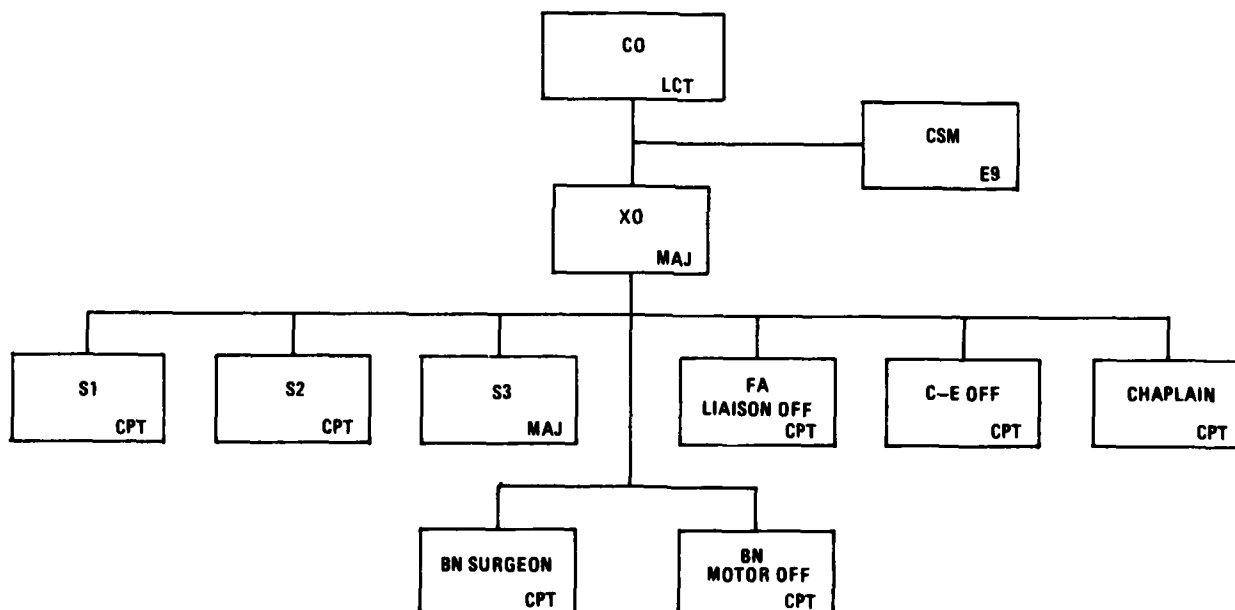
- 11 Bayonet
- 13 Camouflage screen sys

- 13 Camouflage screen spt sys
 - 1 Lchr gren 40mm
 - 1 MG 7.62mm w/tripod
- 11 Mask CBR
- 11 Rifle 5.56mm
 - 2 Tank/pump unit liquid disp
 - 2 Tank unit liquid disp
 - 2 Tel set TA-312
 - 2 Tlr 1½T
 - 1 Trk 1¼T
 - 2 Trk 2½T
 - 2 Trk 5T

TOE 6-595H
FIELD ARTILLERY BATTALION, LANCE



STAFF (TOE 6-596H)



TOE 6-595H

MISSION: To provide field artillery missile fires in support of corps forces.

SUMMARY — MAJOR ITEMS OF EQUIPMENT

TRANSPORTATION

| | |
|---|----|
| Carrier, command post | 5 |
| Loader-transporter, GM, Lance | 7 |
| Recovery vehicle, full tracked | 1 |
| Tank and pump unit (trk-mounting) | 1 |
| Tank unit (tlr-mounting) | 1 |
| Trailer, cargo, 1/4-ton | 25 |
| Trailer, cargo, 3/4-ton | 14 |
| Trailer, cargo, 1 1/2-ton | 7 |
| Trailer, tank, water, 400 gal, 1 1/2-ton | 5 |
| Truck, ambulance, 1 1/4-ton, 6 x 6 | 1 |
| Truck, cargo, 1 1/4-ton | 28 |
| Truck, cargo, 2 1/2-ton, 6 x 6 | 15 |
| Truck, cargo, 2 1/2-ton, 6 x 6, w/winch | 4 |
| Truck, cargo, 5-ton, 6 x 6, LWB | 1 |
| Truck, carto, 5-ton, 6 x 6, XLWWB | 27 |
| Truck, cargo, 5-ton, 6 x 6, XLWB, w/winch | 3 |
| Truck, utility, 1/4-ton, 4 x 4 | 34 |
| Truck, wrecker, 5-ton, 6 x 6, w/winch | 3 |

MATERIEL

| | |
|----------------------------------|-----|
| Hoisting unit, tripod, Lance | 3 |
| Launcher, grenade 40-mm | 47 |
| Launcher, GM, carrier-mtd, Lance | 6 |
| Machinegun, 7.62-mm | 41 |
| Machinegun, cal 50 | 1 |
| Pistol, cal 45 | 15 |
| Rifle, 5.56-mm | 443 |
| Warhead sec atomic tng, M240 | 4 |
| Warhead sec GM tng, M201 | 3 |

COMMUNICATIONS

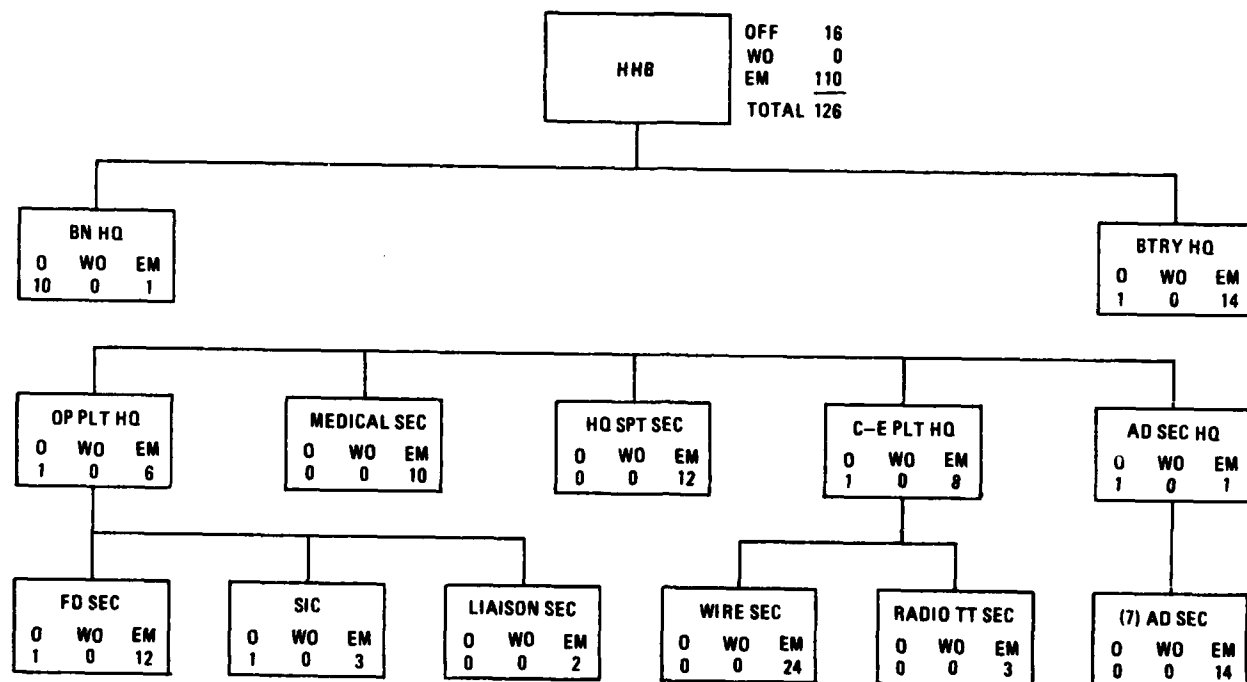
| | |
|-------------------|----|
| Antenna, AT-984/G | 4 |
| Antenna, RC-292 | 22 |

| | |
|--|-----|
| Cable assembly, tel, CX-4566/G | 4 |
| Cable assembly, tel, CX-4760/U, 15 ft | 8 |
| Cable, tel, WD-1/TT, DR-8, 1/4 mi | 61 |
| Cable, tel, WD-1/TT, RL-159/U, 1 mi | 39 |
| Cable, tel, WD-1/TT, 2 conductor | 38 |
| Radio set AN/GRC-106 | 1 |
| Radio set AN/GRC-160 | 6 |
| Radio set AN/PRC-77 | 7 |
| Radio set AN/VRC-46 | 27 |
| Radio set AN/VRC-47 | 4 |
| Radio set AN/VRC-49 | 1 |
| Radio set AN/VRC-64 | 1 |
| Radio set control gp AN/GRA-39 | 21 |
| Radio TT set AN/GRC-142 | 4 |
| Receiver-xmtr control gp AN/GRA-6 | 1 |
| Reel, cable, DR-8 | 8 |
| Reeling machine, cable, hand, RL-31 | 7 |
| Reeling machine, cable, hand, RL-39 | 51 |
| Reeling machine, cable, motor-driven, RL-172/G | 4 |
| Speech security equip, TSEC/KY-38 | 12 |
| Switchboard, tel, manual, SB-22/PT | 10 |
| Switchboard, tel, manual, SB-993/GT | 3 |
| Telephone set TA-1/PT | 7 |
| Telephone set TA-264/PT | 2 |
| Telephone set TA-312/PT | 127 |
| Teletypewriter TT AN/PGC-1 | 3 |
| Teletypewriter TT-537/G | 4 |
| Radio set AN/VRC-48 | |

GUNNERY

| | |
|-----------------------------------|---|
| Az laying set, GM, Lance | 7 |
| Computer, gun direction | 4 |
| FD set, arty, 25,000 meter max rg | 4 |
| Firing device, GM, Lance | 9 |

TOE 6-596H
HEADQUARTERS AND HEADQUARTERS BATTERY, FIELD
ARTILLERY BATTALION, LANCE



MISSION: To direct and coordinate operations of the battalion.

TOE 6-596H

BN HQ

Personnel

1 05 Bn Cmdr
1 04 XO
1 04 S3
1 03 Bn Motor Off
1 03 Bn Surgeon
1 03 Chaplain
1 03 CE Stf Off
1 03 LO
1 03 S1
1 03 S2
1 E9 CSM

BTRY HQ

Personnel

1 03 BC
1 E8 1st Sgt
1 E6 Supply Sgt
1 E6 Food Svc Sgt
1 E6 Motor Sgt
1 E5 1st Cook
1 E4 Armorer
1 E4 Cook
1 E4 Equip Maint Clk
1 E4 Pwr Gen/Whl Veh Mech
1 E4 PLL Clk
1 E4 Track Veh Mech
1 E3 Pwr Gen/Whl Veh Mech
1 E3 Cook
1 E3 Lt Veh Driver

Equipment

1 Accy kit fld range
1 Alarm CML
115 Bayonet
1 Binocular
1 Cabinet tool/sp parts w/drws
1 Cabinet tool/sp parts 35½H
29 Camouflage screen sys
29 Camouflage screen spt sys
2 Charger radiac detector
1 Compass mag
1 Compressor
4 Heater immersion
1 Instal kit MK 1234
2 Lchr gren 40mm
2 MG 7.62mm w/tripod
6 Mask prot tk
120 Mask CBR
1 Multimeter
3 Night vision sight PVS-4
9 Pistol cal 45
1 Radiac set
2 Radiacmeter IM-93
1 Radiacmeter IM-174
1 Radio set VRC-64
2 Range outfit fld
116 Rifle 5.56mm
5 Tel set TA-312
1 Shop equip auto maint

3 Tool kit mech
1 Tool kit carpenter
1 Tool kit sml arms
7 Trainer handling GM lchr
1 Tlr ¼T
1 Tlr 1½T
1 Tlr tk wtr
2 Trk 2½T
1 Trk 2½T w/winch
1 Tng set GM sys
1 Trk ¼T
14 Watch wrist

HQ SPT SECTION

Personnel

1 E7 PAC Supv
1 E6 Reenlist NCO
1 E6 Pers Stf NCO
1 E5 PAC Clk
1 E5 Legal Clk
1 E4 Chapel Act Sp
1 E4 Clk Typist
1 E4 PAC Clk
2 E3 PAC Clk
2 E3 Veh Driver

Equipment

2 Binocular
14 Camouflage screen sys
14 Camouflage screen spt sys
1 Chest hymn book
2 Compass mag
1 Duplicating mach stencil
1 Generator 1.5kw
1 Instal kit MK 1234
1 Instal kit MK 1306
1 Instal kit MK 1554
1 Light set gen illum
1 Pwr sup assy veh
1 Radio set VRC-46
1 Radio set VRC-47
1 Speech sec equip KY-38
4 Tel set TA-312
2 Tlr ¼T
1 Tlr ¾T
1 Trk 1¼T
3 Trk ¼T

OPS PLAT HQ

Personnel

1 03 Asst S3
1 E8 Intel Sgt
1 E8 Ops Sgt
1 E6 NBC Ops/Stf NCO
2 E4 Clk Typist
1 E3 Lt Veh Driver

Equipment

1 Alarm CML
1 Binocular
9 Camouflage screen sys
9 Camouflage screen spt sys
1 Compass mag

1 Duplicating mach stencil
1 Instal kit MK 1234
1 Instal kit MK 1552
1 Lchr gren 40mm
1 MG 7.62mm w/tripod
1 Pwr sup assy veh
2 Radiacmeter IM-93
1 Radiacmeter IM-174
1 Radio set VRC-46
1 Speech sec equip KY-38
2 Tel set TA-312
1 Tlr ¼T
1 Tlr ¾T
1 Trk 1¼T
1 Trk ¼T

FD SECTION

Personnel

1 Lt FDO
1 E7 Ch FD Comp
1 E6 Asst Ch FD Comp
1 E5 Ch Radio Opr
3 E5 FD Comp
2 E4 CP Carrier Driver
1 E4 Recorder
1 E4 Tac Wire Ops Sp
1 E4 Radio Opr
1 E3 Radio Opr

Equipment

2 Accy kit MK 1326
1 Accy kit MK 1333
1 Antenna AT-984
2 Antenna RC-292
3 Cable tel DR-8
7 Camouflage screen sys
7 Camouflage screen spt sys
2 Carrier CP lt tracked
1 Code changer key KYK-28
1 Computer gun dir
1 FD set arty
2 Generator 3kw
4 Headset microphone
1 Instal kit MK 1644
1 Lchr gren 40mm
1 Plotting set arty fire control
1 Pwr sup assy veh
1 Radio st GRC-106
2 Radio set VRC-46
2 Radio set control gp GRA-39
1 Rec/trans control gp GRA-6
3 Reeling mach RL-39
1 Speech sec equip KY-38
1 Switchboard SB-22
1 Tel set TA-264
6 Tel set TA-312
1 Teletypewriter 537

SURVEY INFO CENTER

Personnel

1 Lt Recon/Survey Off
1 E7 Ch Surveyor
1 E5 Survey Computer
1 E4 Sr Topo Inst Repairer

Equipment

- 1 Antenna RC-292
- 1 Binocular
- 4 Camouflage screen sys
- 4 Camouflage screen spt sys
- 1 Compass mag
- 1 Instal kit MK 1234
- 1 Radio set VRC-46
- 1 Repair kit surv instr
- 1 Tel set TA-312
- 1 Tlr 1/4T
- 1 Trk 1/4T
- 1 Watch wrist

LIAISON SECTION**Personnel**

- 1 E6 Ln Sgt
- 1 E4 Ln Sp

Equipment

- 1 Antenna RC-292
- 1 Binocular
- 1 Cable tel DR-8
- 1 Camouflage screen sys
- 1 Camouflage screen spt sys
- 1 Compass mag
- 1 Generator 1.5kw
- 1 Instal kit MK 1234
- 1 Radio set VRC-46
- 1 Radio set control gp GRA-39
- 1 Reeling mach RL-39
- 1 Tel set TA-312
- 1 Tlr 1/4T
- 1 Trk 1/4T

CE PLAT HQ**Personnel**

- 1 Lt Plat Ldr
- 1 E8 Tac Comm Ch
- 1 E5 Tac Comm Sys Supv
- 2 E3 Tac Comm Sys Op/Mech
- 1 E4 Tac Wire Ops Sp
- 1 E4 TT Rpmn
- 1 E3 Veh Driver
- 1 E3 Tac Wire Ops Sp

Equipment

- 2 Antenna RC-292
- 1 Binocular
- 1 Cable tel DR-8
- 6 Camouflage screen sys
- 6 Camouflage screen spt sys
- 1 Code changer key KYK-28
- 1 Compass mag
- 1 Detecting set mine
- 1 Detecting set mine PSS-11
- 1 Generator 1.5kw
- 1 Instal kit MK 1224
- 1 Instal kit MK 1552
- 1 Instal kit MK 1646
- 1 Inverter vibrator
- 1 Lchr gren 40mm
- 1 MG 7.62mm w/tripod

- 1 Multimeter
- 1 Pwr sup assy veh
- 1 Program tape kit
- 2 Radiacmeter IM-93
- 1 Radiacmeter IM-174
- 1 Radio set VRC-49
- 1 Radio set control gp GRA-39
- 1 Reeling mach RL-39
- 1 Reproducer sig data
- 1 Speech sec equip KY-38
- 1 Tac digital regen rprr
- 2 Tel set TA-312
- 1 Test btry
- 1 Test set comp logic
- 1 Test set elec
- 1 Test set radio
- 1 Tool kit TT equip
- 2 Tool kit elec equip
- 1 Tlr 1/4T
- 1 Tlr 3/4T
- 1 Trk 1/4T
- 1 Trk 1/4T

WIRE SECTION**Personnel**

- 1 E6 Tac Comm Ch
- 4 E5 Tac Wire Ops Tm Ch
- 5 E4 Tac Wire Ops Sp
- 14 E3 Tac Wire Ops Sp

Equipment

- 4 Axle cable RL-27
- 4 Cable assy tel CX-4566
- 8 Cable assy tel CX-4760
- 18 Cable tel RL-159
- 16 Cable tel 2 cond fld wire
- 5 Camouflage screen sys
- 5 Camouflage screen spt sys
- 8 Coil tel rptg
- 4 Lchr gren 40mm
- 4 MG 7.62mm w/tripod
- 4 Reeling mach RL-31
- 4 Reeling mach RL-172
- 4 Splicing kit tel
- 5 Switchboard SB-22
- 1 Tel set TA-264
- 7 Tel set TA-312
- 4 Trk 1/4T
- 1 Trk 1/4T

RADIO SECTION**Personnel**

- 1 E5 RATT Ops Tm Ch
- 1 E4 RATT Opr
- 1 E3 RATT Opr

Equipment

- 1 Cable tel DR-8
- 4 Camouflage screen sys
- 4 Camouflage screen spt sys
- 1 Elec TT sec equip KW-7
- 1 Generator 5kw
- 1 Headset microphone

- 1 RATT set GRC-142
- 1 Reeling mach RL-39
- 1 Tel set TA-312
- 1 Trk 1/4T

MEDICAL SECTION**Personnel**

- 1 E6 Sec Sgt
- 1 E6 Prac Nurse
- 1 E5 Medical Aidman
- 4 E4 Btry Aidman
- 1 E4 Medical Aidman
- 1 E4 Amb Driver
- 1 E3 Amb Attendant

Equipment

- 1 Blanket set bed
- 9 Camouflage screen sys
- 9 Camouflage screen spt sys
- 10 Mask head wound
- 1 Medical equip set Bn Aid Sta
- 2 Gen 1.5kw
- 1 Lt set gen illum
- 1 Radiac set
- 1 Splint set
- 7 Surgical instr/sup set
- 2 Shelter sys coll
- 1 Tel set TA-312
- 1 Tlr 3/4T
- 1 Trk amb 1/4T
- 1 Trk 1/4T
- 1 Watch wrist

AD SEC HQ**Personnel**

- 1 Lt Sec Ldr
- 1 E6 Sec Sgt

Equipment

- 1 Binocular
- 1 Cable tel DR-8
- 1 Camouflage screen sys
- 1 Camouflage screen spt sys
- 1 Code changer key
- 1 Display set tgt alert data
- 1 Generator 1.5kw
- 1 Instal kit MK 1225
- 1 Interrogator computer
- 2 Interrogator set (Stinger)
- 1 Programmer inter (Stinger)
- 1 Radio set VRC-48
- 1 Radio set cont gp GRA-39
- 1 Reeling mach RL-39
- 1 Tel set TA-312
- 1 Tlr 1/4T
- 1 Trk 1/4T

7 AD TMS**Personnel**

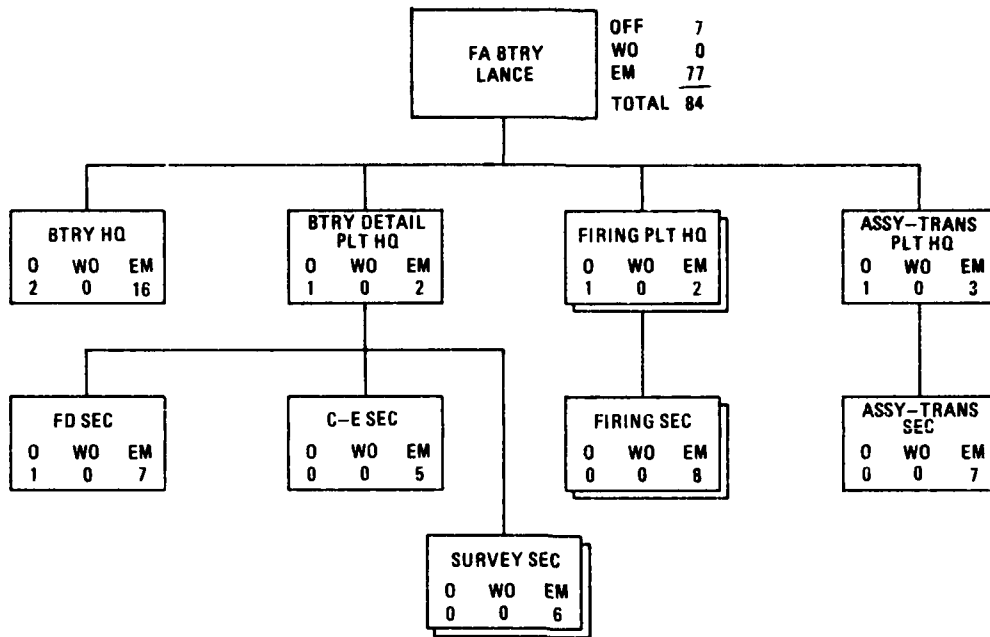
- 7 E5 Tm Ch
- 7 E4 Gunr...

Equipment

- 14 Binocular
- 7 Cable DR-8
- 7 Camouflage screen sys
- 7 Camouflage screen spt sys
- 1 Code changer key
- 1 Display set tgt alert
- 7 GM sys intercept
- 7 Harness GM equip
- 7 Instal kit MK 1234
- 14 Interrogator set (Stinger)
- 1 Programmer inter
- 7 Radio set GRC-160
- 7 Reeling mach RL-39
- 7 Tel set TA-1/pt
- 7 Tlr 1/4T
- 7 Trainer handling GM lchr
- 7 Trk 1/4T

TOE 6-597H

FIELD ARTILLERY BATTERY, FIELD ARTILLERY BATTALION, LANCE



MISSION: To provide a firing component of the Lance battalion.

TOE 6-597H

BTRY HQ

Personnel

1 03 BC
1 Lt XO
1 E8 1st Sgt
1 E6 Food Svc Sgt
1 E6 Supply Sgt
1 E6 Motor Sgt
1 E5 1st Cook
1 E5 NBC Ops NCO
1 E4 Armorer
1 E4 Cook
1 E4 Equip Maint Clk
1 E4 Pwr Gen/Whl Veh Mech
1 E4 PLL Clk
1 E4 Track Veh Mech
1 E3 Cook
1 E3 Lt Veh Driver
2 E3 Track Veh Mech

Equipment

1 Accy outfit fld range
1 Alarm CML
84 Bayonet
4 Binocular
1 Cabinet tool/sp parts w/drwr
1 Cabinet tool/sp parts 35½H
1 Cable tel DR-8
22 Camouflage screen sys
22 Camouflage screen spt sys
2 Charger radiac detector
4 Compass mag
1 Compressor
1 Generator 1.5kw (120V)
1 Generator 1.5kw (28V)
4 Heater immersion
1 Instal kit MK 1306
1 Instal kit MK 1554
2 Lchr gren 40mm
1 Light set gen illum
1 MG 7.62mm w/tripod
11 Mask prot tk
73 Mask CBR
1 Multimeter
5 Night vision sight PVS-4
1 Pistol cal 45
1 Pwr sup assy veh
1 Radiac set
2 Radiacmeter IM-93
1 Radiacmeter IM-174
1 Radio st VRC-47
1 Radio set control gp GRA-39
2 Range outfit fld
1 Reeling mach RL-39
83 Rifle 5.56mm
1 Speech sec equip KY-38
1 Shop equip auto maint
5 Tel set TA-312
4 Tool kit mech
1 Tool carpenter
1 Tool kit sml arms
1 Tlr ¼T

1 Tlr 1½T
1 Tlr tk wtr
2 Trk 2½T
1 Trk 2½T w/winch
1 Trk ¼T
6 Watch wrist

BTRY DETAIL

Personnel

1 Lt Plat Ldr
1 E7 Ch of Detail
1 E3 Lt Veh Driver

Equipment

1 Antenna RC-292
1 Camouflage screen sys
1 Camouflage screen spt sys
1 Instal kit MK 1234
1 Radio set VRC-46
1 Tel set TA-312
1 Tlr ¼T
1 Trk ¼T

CE SECTION

Personnel

1 E6 Tac Comm Ch
1 E5 RATT Ops Tm Ch
1 E4 RATT Opr
1 E4 Tac Wire Ops Sp
1 E3 RATT Opr

Equipment

1 Axle cable reel RL-27
1 Cable tel DR-8
7 Cable tel RL-150
6 Cable tel 2 cond fld wire
7 Camouflage screen sys
7 Camouflage screen spt sys
4 Coil tel rptng
1 Detecting set mine
1 Detecting set mine PSS-11
1 Elec TT sec equip KW-7
1 Generator 5kw
1 Headset microphone
1 Lchr gren 40mm
1 MG 7.62mm w/tripod
1 Radio TT set GRC-142
1 Reeling mach RL-31
1 Reeling mach RL-39
1 Splicing kit tel
1 Switchboard SB-22
1 Switchboard SB-993
7 Tel set TA-312
1 TT set PGC-1
1 Trk 1¼T

(2) SURVEY SECTIONS

Personnel

2 E6 Sec Ch
2 E5 Survey Comp
2 E5 Survey Comp/Recorder
2 E4 Instr Opr
2 E3 Rodman/Tapeman

Equipment

4 Binocular
4 Camouflage screen sys
4 Camouflage screen spt sys
1 Charger btry
4 Compass mag
2 Instal kit Mk 1817
2 Lchr gren 40mm
2 MG 7.62mm w/tripod
2 Radio st GRC-160
2 Surveying instr az gyro
2 Surveying set arty fire control
4 Target set surveying
2 Theodolite survey
2 Tlr ¾T
2 Trk 1¼T
2 Surveying instr DME

FD SECTION

Personnel

1 Lt Asst XO
1 E7 Ch FD Comp
1 E6 Asst Ch FD Comp
2 E5 FD Comp
1 E4 CP Carrier Driver
2 E4 Recorder

Equipment

2 Accy kit MK 1326
1 Alarm CML
1 Antenna AT-984
2 Antenna RC-292
2 Cable tel DR-8
7 Camouflage screen sys
7 Camouflage screen spt sys
1 Carrier CP lt tracked
1 Code changer key KYK-28
1 Computer gun dir
1 FD set arty
2 Generator 3kw
2 Headset microphone
1 Lchr gren 40mm
1 MG 7.62mm w/tripod
1 Pwr sup assy veh
2 Radio set VRC-46
2 Radio set control gp GRA-39
2 Reeling mach RL-39
1 Reproducer sig data
1 Speech sec equip KY-38
5 Tel set TA-312
1 Teletypewriter TT-537
1 Test set comp logic
1 Tlr ¾T
1 Trk 1¼T

(2) FIRING PLAT HQ

Personnel

2 Lt Plat Ldr
2 E7 Plat Sgt
2 E3 Lt Veh Driver

Equipment

- 2 Antenna RC-292
- 8 Cable tel DR-8
- 4 Camouflage screen sys
- 4 Camouflage screen spt sys
- 2 Generator 1.5kw
- 2 Headset microphone
- 2 Instal kit MK 1817
- 2 Radiacmeter IM-93
- 2 Radio set PRC-77
- 2 Radio set VRC-46
- 2 Radio set control gp GRA-39
- 4 Reeling mach RL-39
- 4 Tel set TA-312
- 2 Trk 1/4T

(2) FIRING SECTION

Personnel

- 2 E6 Sec Ch
- 2 E5 Gunner
- 4 E4 Lchr Crewman
- 2 E4 Lchr Driver
- 2 E4 Monitor Programmer Opr
- 4 E3 Asst Lchr Crewman

Equipment

- 2 Az laying set
- 2 Cable tel DR-8
- 14 Camouflage screen sys
- 14 Camouflage screen spt sys
- 2 Compass mag
- 2 Cont surf GM (sml)
- 2 Cont surf GM (large)
- 2 GM main assemb tng
- 2 Firing device GM
- 2 Headset microphone
- 2 Lchr gren 40mm
- 2 Lchr GM carrier Mtd
- 2 MG 7.62mm w/tripod
- 2 Reeling mach RL-39
- 4 Tel set TA-312
- 2 Monitor programmer msl guidance set
- 2 Trk 1/4T

ASSY/TRANSPORT PLAT HQ

Personnel

- 1 Lt Plat Ldr
- 1 E7 Plat Sgt
- 1 E4 Lt Veh Driver
- 1 E3 Lt Veh Driver

Equipment

- 1 Cable tel DR-8
- 7 Camouflage screen sys
- 7 Camouflage screen spt sys
- 1 Firing device GM (Lance)
- 1 Hoisting unit tripod
- 1 Instal kit MK 1234
- 1 Mobility kit GM lchr (Lance)
- 1 Radio set VRC-46
- 1 Reeling mach cable RL-39

- 1 Tel set TA-312
- 2 Monitor programmer msl guidance set
- 1 Trk 1/4T
- 1 Trk 5T
- 1 Trk 1/4T
- 1 Whd sec atomic tng M240
- 1 Whd sec GM tng M201

(2) ASSY/TRANSPORT SECTIONS

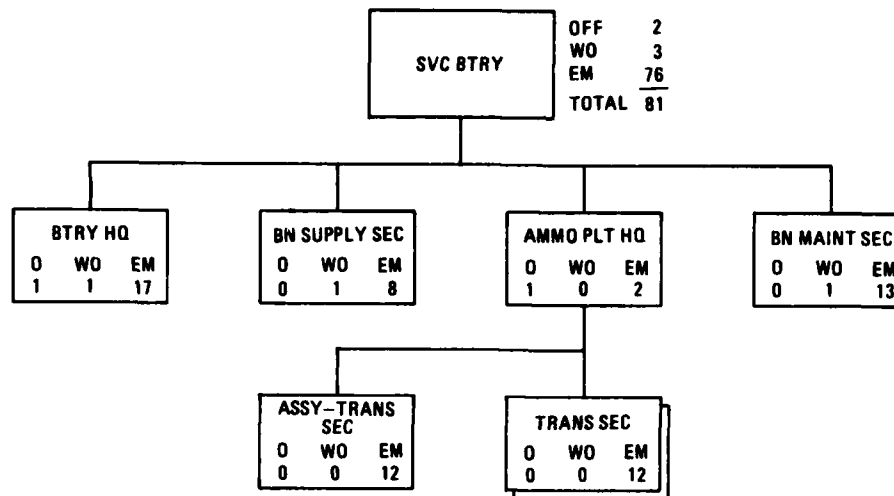
Personnel

- 2 E6 Sec Ch
- 2 E5 Asst Sec Ch
- 4 E4 Lt Veh Driver
- 2 E4 Loader/Transport Opr
- 2 E4 Sr Msl Handler
- 2 E3 Msl Handler

Equipment

- 16 Camouflage screen sys
- 16 Camouflage screen spt sys
- 2 Demo set explosive
- 2 Lchr gren 40mm
- 2 MG 7.62mm w/tripod
- 2 Sling beam type
- 2 Tel set TA-312
- 2 Tool kit GM msl mating
- 2 Tool kit GM maint org sp wpns
- 4 Trk 5T
- 2 Loader/transport GM (Lance)

TOE 6-599H
SERVICE BATTERY, FIELD ARTILLERY BATTALION, LANCE



MISSION: To procure and distribute supplies of all classes to units of the battalion, to maintain appropriate materiel and supply records, to transport a portion of the battalion's basic load of missiles, and to perform organizational maintenance functions not otherwise accomplished within the battalion.

TOE 6-599H

BTRY HQ

Personnel

1 03 BC
1 WO FA Msl Sys Tech
1 E8 1st Sgt
1 E6 Food Svc Sgt
1 E6 Supply Sgt
1 E6 Motor Sgt
1 E5 1st Cook
1 E5 NBC Ops NCO
1 E4 Armorer
1 E4 Cook
1 E4 Equip Maint Clk
1 E4 Pwr Gen/Whl Veh Mech
1 E4 Tac Wire Ops Sp
1 E4 Track Veh Mech
1 E3 Cook
1 E3 Lt Veh Driver
2 E3 Pwr Gen/Whl Veh Mech
1 E4 PLL Clk

Equipment

1 Accy outfit fld range
1 Alarm CML
1 Antenna RC-292
81 Bayonet
1 Cabinet tool/sp parts w/drwr
1 Cabinet tool/sp parts 35½H
2 Cable tel DR-8
4 Cable tel 2 cond fld wire
25 Camouflage screen sys
25 Camouflage screen spt sys
2 Charger radiac detector
2 Coil tel rptng
1 Compass mag
1 Compressor
1 Detecting set mine
1 Detecting set mine PSS-11
1 Generator 1.5kw
4 Heater immersion
1 Instal kit MK 1234
1 Instal kit MK 1553
2 Lchr gren 40mm
2 MG 7.62mm w/tripod
4 Mask prot tk
77 Mask CBR
1 Multimeter
1 Night vision sight TVS-5
3 Night vision sight PVS-4
3 Pistol cal 45
1 Pwr sup assy veh
1 Radiac set
2 Radiacmeter IM-93
1 Radiacmeter IM-174
1 Radio st VRC-46
1 Radio set control gp GRA-39
2 Range outfit fld
8 Reel cable tel DR-8
3 Reeling mach RL-39
78 Rifle 5.56mm
1 Speech sec equip KY-38

1 Switchboard SB-22
1 Shop equip auto maint
6 Tel set TA-312
4 Tool kit mech
1 Tool kit carpenter
1 Tool kit sml arms
1 Tlr 1½T
1 Tlr tk wtr
3 Trk 2½T
1 Trk ¼T
6 Watch wrist

BN SUPPLY SECTION

Personnel

1 WO Unit Supply Tech
1 E7 Supply Sgt
1 E5 Gen Supplyman
1 E4 Veh Driver
2 E4 Gen Supplyman
1 E3 Gen Supplyman
2 E3 Veh Driver

Equipment

14 Camouflage screen sys
14 Camouflage screen spt sys
1 Generator 1.5kw
1 Lchr gren 40mm
1 Light set gen illum
1 MG 7.62mm w/tripod
1 Tank/pump unit liquid disp
1 Tank unit liquid disp
1 Tel set TA-312
1 Tlr 1½T
2 Trk 2½T
1 Trk 5T

BN MAINTENANCE SECTION

Personnel

1 WO Auto Maint Tech
1 E7 Motor Sgt
1 E5 Sr Rcvy Veh Opr
1 E5 Sr Track Veh Mech
1 E4 Pwr Gen/Whl Veh Mech
1 E4 PLL Clk
1 E4 Recovery Veh Opr
2 E4 Track Veh Mech
1 E4 Welder
1 E4 Wrecker Opr
1 E3 Pwr Gen/Whl Veh Mech
2 E3 Track Veh Mech

Equipment

1 Accy kit
2 Cabinet tool/sp parts 3 shelves
1 Cabinet tool/sp parts 35½H
14 Camouflage screen sys
14 Camouflage screen spt sys
2 Charger btry
1 Compressor
2 Generator 1.5kw
2 Generator 3kw
1 Instal kit MK 1234
1 Lchr gren 40mm

1 MG 50 cal veh mtd
1 Multimeter
1 Radio set VRC-46
1 Recovery veh full tracked
1 Tel set TA-312
1 Shop equip auto maint
8 Tool kit mech
1 Tool kit welders
1 Tool set veh full tracked
1 Tlr ¼T
1 Tlr 1½T
2 Trk 2½T
1 Trk ¼T
1 Trk wrecker 5T

AMMO PLAT HQ

Personnel

1 Lt Plat Ldr
1 E7 Plat Sgt
1 E4 Ammo Clk

Equipment

1 Alarm CML
1 Az laying set GM
3 Camouflage screen sys
3 Camouflage screen spt sys
1 Code changer key KYK-28
1 Instal kit MK 1629
1 Instal kit MK 1817
1 Lchr gren 40mm
1 Pwr sup assy veh
2 Radiacmeter IM-93
1 Radiacmeter IM-174
1 Radio set PRC-77
1 Radio set VRC-46
1 Speech sec equip KY-38
1 Tel set TA-312
1 Tlr ¾T
1 Trk 1¼T

ASSY/TRANS SECTION

Personnel

1 E6 Sec Ch
1 E5 Asst Sec Ch
5 E4 Lt Veh Driver
1 E4 Loader/Trans Opr
1 E4 Sr Msl Handler
3 E3 Msl Handler

Equipment

14 Camouflage screen sys
14 Camouflage screen spt sys
1 Demo set explosive
1 Lchr gren 40mm
1 Loader/trans GM (Lance)
1 MG 7.62mm w/tripod
1 Sling beam type
1 Tool kit GM msl mating
1 Tool kit GM organizational
4 Trk 5T
1 Trk 5T w/winch
1 Whd sec atomic tng

(2) TRANS SECTIONS

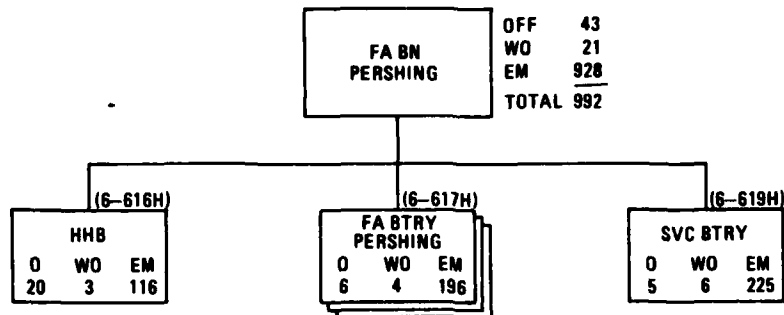
Personnel

- 2 E6 Sec Ch
- 2 E5 Asst Sec Ch
- 2 E4 Boom Opr
- 10 E4 Lt Veh Opr
- 2 E4 Sr Msl Handler
- 6 E3 Msl Handler

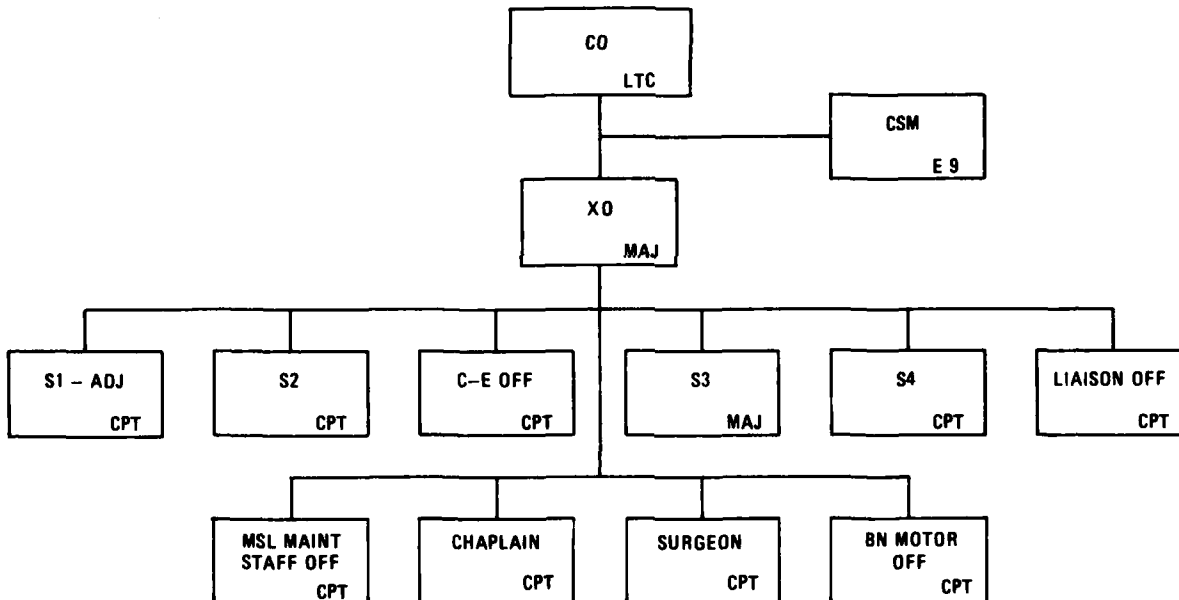
Equipment

- 28 Camouflage screen sys
- 28 Camouflage screen spt sys
- 2 Demo set explosive
- 2 Lchr gren 40mm
- 2 MG 7.62mm w/tripod
- 2 Sling beam type
- 2 Tool kit GM maint
- 8 Trk 5T
- 2 Trk 5T w/winch
- 2 Trk wrecker 5T

TOE 6-615H
FIELD ARTILLERY BATTALION, PERSHING



STAFF (TOE 6-616H)



TOE 6-615H

MISSION: To provide nuclear fires for special employment or for general support.

SUMMARY — MAJOR ITEMS OF EQUIPMENT

TRANSPORTATION

| | |
|---|----|
| Chassis, trailer, 2 1/2-ton, trailing arm | 3 |
| Semitrailer, stake, 12-ton | 24 |
| Semitrailer, van, 6-ton, 4 wheel | 5 |
| Semitrailer, van, 6-ton, 2 wheel | 1 |
| Semitrailer, van, 12-ton | 1 |
| Tank and pump unit (trk-mounting) | 15 |
| Tank unit (tlr-mounting) | 12 |
| Trailer, cargo 1/4-ton | 14 |
| Trailer, cargo, 3/4-ton | 38 |
| Trailer, cargo, 1 1/2-ton | 41 |
| Trailer, tank, water, 400 gal, 1 1/2-ton | 5 |
| Truck, ambulance, 1/4-ton, 4 x 4 | 1 |
| Truck, cargo, 1 1/4-ton, 4 x 4 | 70 |
| Truck, cargo, 2 1/2-ton, 6 x 6 | 63 |
| Truck, cargo, 2 1/2-ton, 6 x 6, w/winch | 2 |
| Truck, cargo, 5-ton, 6 x 6, LWB | 15 |
| Truck, cargo, 5-ton, 6 x 6, LWB, w/winch | 6 |
| Truck, cargo, 5-ton, 8 x 8 | 25 |
| Truck, tractor, 5-ton, 6 x 6 | 24 |
| Truck, tractor, 5-ton, 8 x 8, w/winch | 38 |
| Truck, utility, 1/4-ton, 4 x 4 | 17 |
| Truck, van, expandible, 5-ton, 8 x 8, w/winch | 1 |
| Truck, van, shop, 2 1/2-ton, 6 x 6 | 4 |
| Truck, van, shop, 2 1/2-ton, 6 x 6, w/winch | 6 |
| Truck, wrecker, 5-ton, 6 x 6, w/winch | 18 |

MATERIEL

| | |
|---------------------------------------|-----|
| Erector-Launcher, GM, semitrailer-mtd | 27 |
| Launcher, grenade, 40-mm | 38 |
| Machinegun, 7.62-mm | 53 |
| Pistol, cal 45 | 14 |
| Rifle, 5.56-mm | 977 |

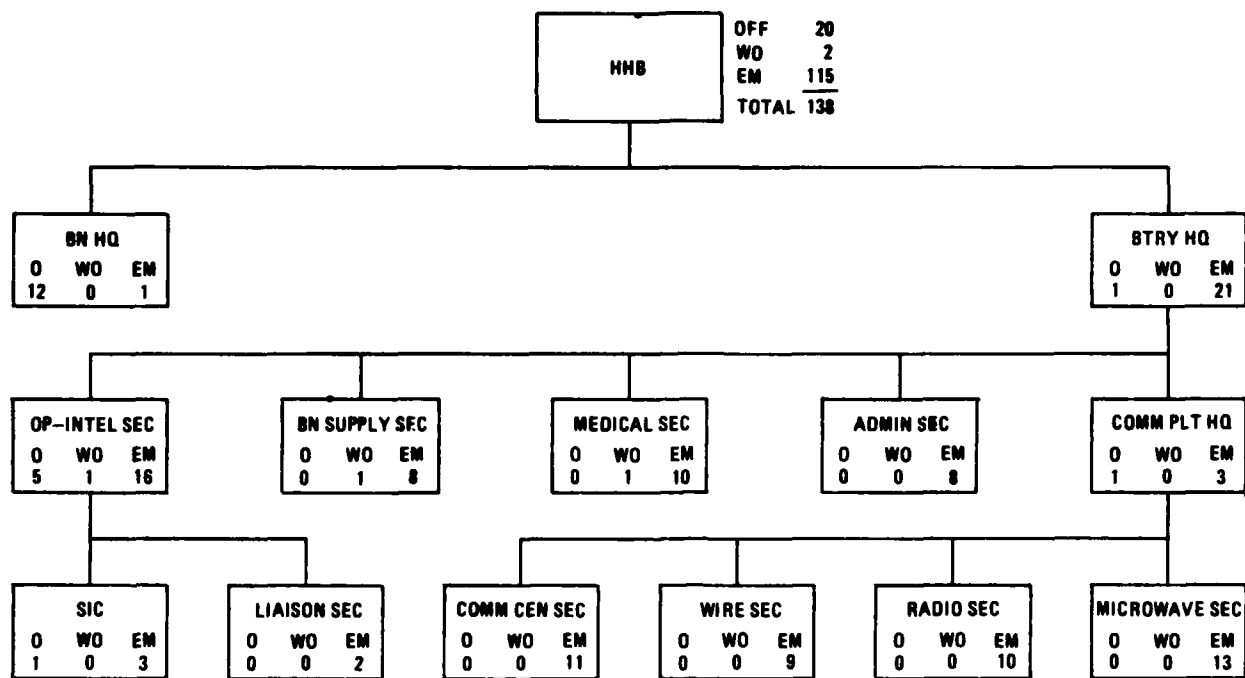
COMMUNICATIONS

| | |
|--|-----|
| Antenna, RC-292 | 21 |
| Cable, tel, WD-1/TT, DR-8, 1/4 mi | 21 |
| Cable, tel, WD-1/TT, RL-159/U, 1 mi | 58 |
| Central office TT AN/TGC-30 less power | 3 |
| Radio set AN/GRC-106 | 5 |
| Radio set AN/GRC-160 | 9 |
| Radio set AN/VRC-46 | 39 |
| Radio set AN/VRC-47 | 10 |
| Radio set AN/VRC-49 | 1 |
| Radio set control gp AN/GRA-39 | 29 |
| Radio TT set AN/GRC-142 | 2 |
| Radio terminal set AN/TRC-80 less power | 7 |
| Radio terminal set AN/TRC-133 | 10 |
| Rec-xmtr control gp AN/GRC-6 | 1 |
| Reeling machine, cable, eng-driven, RL-207/G | 1 |
| Reeling machine, cable, hand, RL-31 | 6 |
| Reeling machine, cable, hand, RL-39 | 49 |
| Reeling machine, cable, motor-driven, RL-172/G | 4 |
| Speech security equip, TSEC/KY-38 | 27 |
| Switchboard, tel, manual, SB-22/PT | 9 |
| Switchboard, tel, manual, SB-86/P | 1 |
| Telephone set TA-312/PT | 234 |
| Telephone-TT switchboard gp AN/TSA-15 less power | 1 |
| Teletypewriter AN/GGC-3 | 1 |
| Teletypewriter AN/PGC-1 | 1 |

GUNNERY

| | |
|---------------------------------|----|
| Aiming circle | 9 |
| Az laying set, PSG GM | 18 |
| FD set, 25,000 meter max rg | 1 |
| Plotting set, arty fire control | 2 |

TOE 616H
HEADQUARTERS AND HEADQUARTERS BATTERY, FIELD ARTILLERY,
BATTALION, PERSHING



MISSION: To direct and coordinate operations of the battalion.

TOE 6-616H

BN HQ

Personnel

1 05 Bn Cmdr
1 04 XO
1 04 S3
1 03 Motor Off
1 03 Bn Surgeon
1 03 Chaplain
1 03 CE Staff Off
1 03 LO
1 03 Msl Maint Staff Off
1 03 S1
1 03 S2
1 03 S4
1 E9 CSM

Equipment

11 Bayonet
13 Mask CBR
4 Pistol cal 45
8 Rifle 5.56mm

BTRY HQ

Personnel

1 03 BC
1 E8 1st Sgt
1 E7 Food Svc Sgt
1 E6 Motor Sgt
1 E6 Supply Sgt
1 E5 1st Cook
2 E5 Pwr Gen/Whl Veh Mech
1 E5 Unit Clk
1 E4 Armorer
2 E4 Cook
1 E4 Equip Maint Clk
2 E4 MP Pwr Gen/Whl Veh Mech
1 E4 PLL Clk
1 E3 Cook
2 E3 Lt Veh Driver
1 E3 Gen Supplyman
2 E3 Pwr Gen/Whl Veh Mech

Equipment

1 Accy outfit fld range
1 Alarm CML
22 Bayonet
1 Binocular
1 Cabinet tool/sp parts w/drwr
1 Cabinet tool/sp parts 35½H
1 Cable tel DR-8
38 Camouflage screen sys
38 Camouflage screen spt sys
2 Charger radiac detector
1 Compass mag
1 Compressor
1 Detecting set mine
1 Detecting set mine PSS-11
1 Generator set 1.5kw
7 Heater immersion
1 Instal kit MK 1234
1 Instal kit MK 1552

1 Lchr gren 40mm
1 Light set gen illum
1 MG 7.62mm w/tripod
22 Mask CBR
1 Multimeter
2 Night vision sight PVS-4
1 Pistol cal 45
1 Pwr sup PP-2953/U
1 Pwr sup assy veh
1 Radiac set
2 Radiacmeter IM-93
1 Radiacmeter IM-174
1 Radio set VRC-46
1 Radio set contro gp GRA-39
3 Range outfit fld
1 Reeling mach RL-39
21 Rifle 5.56mm
1 Speech sec equip KY-38
1 Tank/pump unit liquid disp
1 Tank unit liquid disp
5 Tel set TA-312
1 Shop equip auto maint
6 Tool kit mech
1 Tool kit carpenter
1 Tool kit sml arms
1 Tlr ¼T
2 Tlr 1½T
1 Tlr tk wtr
2 Trk 2½T
1 Trk 2½T w/winch
1 Trk 5T
1 Trk ¼T
18 Watch wrist

ADMIN SECTION

Personnel

1 E7 Pers Stf NCO
1 E6 Reenlist NCO
1 E5 Legal Clk
1 E5 Mail Delivery Sp
1 E4 Chapel Act Sp
2 E4 Clk Typist
1 E3 Lt Veh Driver

Equipment

8 Bayonet
22 Camouflage screen sys
22 Camouflage screen spt sys
1 Chest hymn book
1 Instal kit MK 1306
1 Instal kit MK 1373
1 Instal kit MK 1810
8 Mask CBR
1 Radio set GRC-106
2 Radio set VRC-47
8 Rifle 5.56mm
4 Tel set TA-312
2 Tlr ¼t
1 Tlr 1½T
1 Trk 1¼T
1 Trk 2½T
2 Trk ¼T

OPS/INTEL SECTION

Personnel

1 03 Asst S3
3 03 Ops Off
1 Lt Sec Control Off
1 WO Msl Tech QRA
1 E8 Intel Sgt
1 E8 Ops Sgt
1 E7 Asst Intel Sgt
1 E7 Asst Ops Sgt
1 E6 NBC Ops/Stf NCO
2 E5 Ops Sp
2 E4 Clk Typist
1 E4 Document/Security Clk
2 E4 Intel Asst
3 E4 Ops Asst
1 E3 Lt Veh Driver

Equipment

1 Alarm CML
2 Antenna RC-292
22 Bayonet
3 Binocular
2 Cable tel DR-8
19 Camouflage screen sys
19 Camouflage screen spt sys
1 Code changer key KYK-28
3 Compass mag
1 Drafting equip set Bn
1 Generator 15kw
2 Headset microphone
2 Instal kit MK 1234
1 Instal kit MK 1373
2 Instal kit for VRC-46
1 Instal kit MK 1552
1 Instal kit MK 1553
1 MG 7.62mm w/tripod
22 Mask CBR
1 Plotting set arty fire control
2 Pwr sup assy veh
1 Radio set GRC-106
3 Radio set VRC-46
1 Radio set control gp GRA-39
1 Rec/trans control gp GRA-6
2 Reeling mach RL-39
22 Rifle 5.56mm
2 Speech sec equip KY-38
6 Tel set TA-312
1 Tlr ¼T
1 Tlr 1½T
1 Trk 2½T
1 Trk ¼T
1 Watch wrist

LIAISON SECTION

Personnel

1 E6 Ln Sgt
1 E4 Ln Sp

Equipment

1 Antenna RC-292
2 Bayonet
2 Camouflage screen sys

- 2 Camouflage screen spt sys
- 1 Instal kit MK 1306
- 2 Mask CBR
- 1 Radio set VRC-47
- 2 Rifle 5.56mm
- 1 Tel set TA-312
- 1 Tlr ¼T
- 1 Trk ¼T

SIC

Personnel

- 1 Lt Survey Off
- 1 E7 Ch Surveyor
- 2 E5 Survey Comp

Equipment

- 4 Bayonet
- 1 Binocular
- 1 Cable tel DR-8
- 1 Camouflage screen sys
- 1 Camouflage screen spt sys
- 1 Compass mag
- 1 FD set arty
- 1 Instal kit MK 1817
- 1 Lchr gren 40mm
- 4 Mask CBR
- 1 Plotting set
- 1 Radio set VRC-46
- 1 Radio set control gp GRA-39
- 1 Reeling mach RL-39
- 4 Rifle 5.56mm
- 1 Tel set TA-312
- 1 Tlr ¾T
- 1 Watch wrist

COMM PLAT HQ

Personnel

- 1 Lt Plat Ldr
- 1 E8 Tac Comm Ch
- 1 E4 Tac Comm Sys Op/Mech
- 1 E4 TT Repairman

Equipment

- 2 Antenna RC-292
- 4 Bayonet
- 1 Cable tel DR-8
- 2 Camouflage screen sys
- 2 Camouflage screen spt sys
- 1 Code changer key KYK-28
- 1 Detecting set mine PSS-11
- 1 Generator 1.5kw
- 1 Instal kit MK 1224
- 1 Instal kit MK 1552
- 1 Instal kit MK 1646
- 1 Inverter vibrator
- 1 Lchr gren 40mm
- 1 MG 7.62mm w/tripod
- 4 Mask CBR
- 1 Multimeter
- 1 Pwr sup assy veh
- 2 Radiacmeter IM-93
- 1 Radiacmeter IM-174
- 1 Radio set VRC-49

- 1 Radio set control gp GRA-39
- 1 Reeling mach RL-39
- 4 Rifle 5.56mm
- 1 Speech sec equip KY-38
- 1 Tac digital regen repeater
- 1 Tel set TA-312
- 1 Test btry
- 1 Test set elec tube
- 1 Test set radio
- 1 Test set radio freq
- 1 Tool kit TT equip maint
- 1 Took kit elec equip
- 1 Tlr ¼T
- 1 Trk ¼T

COMM CEN SECTION

Personnel

- 1 E6 Telcom Shift Supv
- 2 E5 Telcom Ops Tm Ch
- 1 E5 Crypto Mat NCO
- 4 E4 Telcom Cen Opr
- 3 E3 Telcom Cen Opr

Equipment

- 11 Bayonet
- 6 Camouflage screen sys
- 6 Camouflage screen spt sys
- 4 Elec TT sec equip KW-7
- 1 Generator 10kw
- 11 Mask CBR
- 1 Oscilloscope
- 11 Rifle 5.56mm
- 1 Tel TT swbd gp
- 1 Tlr ¾T
- 1 Trk 1¼T
- 1 Trk 2½T

WIRE SECTION

Personnel

- 1 E6 Tac Comm Ch
- 2 E5 Tac Wire Ops Tm Ch
- 2 E4 Tac Wire Ops Sp
- 4 E3 TAC Wire Ops Sp

Equipment

- 2 Axle cable RL-27
- 9 Bayonet
- 16 Cable assy sp purpose
- 10 Cable assy tel CX 4566
- 20 Cable assy tel CX 4760
- 40 Cable tel RL-159 (1 mi)
- 4 Camouflage screen sys
- 4 Camouflage screen spt sys
- 2 Detecting set mine
- 2 Detecting set mine PSS -11
- 5 Distribution box
- 9 Mask CBR
- 1 Reeling mach RL-207/G
- 2 Reeling mach cable RL-31
- 4 Reeling mach cable RL-172/G
- 9 Rifle 5.56mm
- 2 Switchboard SB-22
- 1 Switchboard SB-86

- 10 Tel set TA-312
- 1 Tlr ¾T
- 1 Tlr 1½T
- 4 Trk 1¼T
- 1 Trk 2½T

RADIO SECTION

Personnel

- 1 E6 RATT Ops Supv
- 1 E5 Ch Radio Opr/Supv
- 2 E5 RATT Tm Ops Ch
- 2 E4 RATT Opr
- 1 E4 Voice Radio Opr
- 1 E3 Voice Radio Opr
- 2 E3 RATT Opr

Equipment

- 10 Bayonet
- 2 Cable tel DR-8
- 10 Camouflage screen sys
- 10 Camouflage screen spt sys
- 2 Elec TT sec equip KW-7
- 1 Generator 10kw
- 2 Generator 5kw
- 10 Mask CBR
- 2 Pwr dist set GM sys
- 2 RATT set GRC-142
- 1 Radio terminal set TRC-133
- 2 Reeling mach RL-39
- 10 Rifle 5.56mm
- 1 Tel set TA-312
- 2 Trk 1¼T
- 1 Trk 2½T

MICROWAVE SECTION

Personnel

- 1 E6 Tac Sat/Microwave Sys Supv
- 3 E5 Tact Sat/Microwave Sys Opr
- 4 E4 Tact Sat/Microwave Sys Opr
- 5 E3 Tact Sat/Microwave Sys Opr

Equipment

- 13 Bayonet
- 20 Camouflage screen sys
- 20 Camouflage screen spt sys
- 2 Generator 60kw
- 4 Generator 10kw
- 4 Loudspeaker
- 13 Mask CBR
- 4 Radio terminal set TRC-80
- 13 Rifle 5.56mm
- 1 Sling mult leg
- 4 Trk 5T

MEDICAL SECTION

Personnel

- 1 WO Physician's Asst
- 1 E6 Prac Nurse
- 1 E6 Section Sgt
- 1 E5 Medical Aidman
- 1 E4 Amb Driver
- 4 E4 Btry Aidman
- 1 E4 Medical Aidman
- 1 E3 Amb Attend

Equipment

- 1 Blanket set bed
- 13 Camouflage screen sys
- 13 Camouflage screen spt sys
- 10 Mask head wound
- 11 Mask CBR
- 1 Med equip set Bn Aid Sta
- 5 Pistol cal 45
- 1 Radiac set
- 6 Rifle 5.56mm
- 1 Splint set
- 9 Surgical instr/sup set
- 1 Tel set TA-312
- 1 Tlr ¾T
- 1 Trk amb ¼T
- 1 Trk 1¼T
- 2 Shelter sys coll

BN SUPPLY SECTION

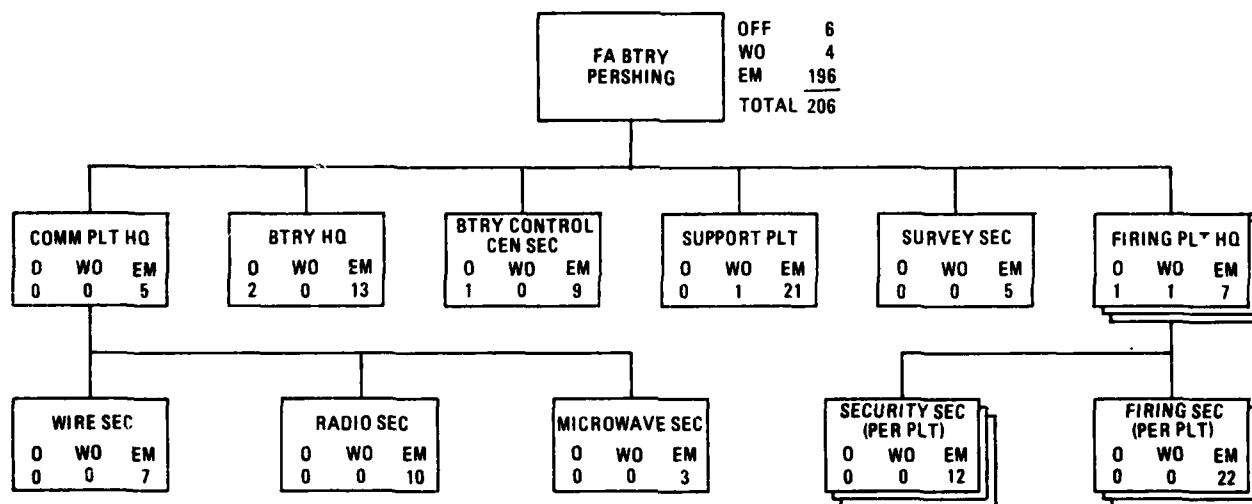
Personnel

- 1 WO Unit Supply Tech
- 1 E7 Supply Sgt
- 2 E5 Gen Supplyman
- 3 E4 Gen Supplyman
- 2 E3 Gen Supplyman

Equipment

- 9 Bayonet
- 1 Cable tel DR-8
- 17 Camouflage screen sys
- 17 Camouflage screen spt sys
- 1 Instal kit MK 1817
- 1 Lchr gren 40mm
- 1 MG 7.62mm w/tripod
- 9 Mask CBR
- 1 Radio set VRC-46
- 1 Radio set control gp GRA-39
- 1 Reeling mach RL-39
- 9 Rifle 5.56mm
- 1 Tel set TA-312
- 2 Tlr ¾T
- 2 Tlr 1½T
- 2 Trk 1¼T
- 2 Trk 2½T

TOE 6-617H
FIELD ARTILLERY BATTERY, PERSHING



MISSION: To provide a firing component of the field artillery battalion, Pershing, and to furnish that component's portion of the battalion communications and survey systems.

TOE 6-617H**BTRY HQ****Personnel**

1 O4 BC
 1 O3 XO
 1 E8 1st Sgt
 1 E7 Food Svc Sgt
 1 E6 1st Cook
 1 E6 Supply Sgt
 1 E5 Cook
 1 E5 Unit Clk
 1 E5 NBC Ops NCO
 1 E4 Armorer
 2 E4 Cook
 1 E3 Cook
 1 E3 Lt Veh Driver
 1 E3 Gen Supplyman

Equipment

1 Accy outfit fld range
 1 Alarm CML
 15 Bayonet
 2 Binocular
 12 Camouflage screen system
 12 Camouflage screen spt sys
 3 Charger radiac detector
 2 Compass mag
 1 Detecting set mine
 1 Detecting set mine PSS-11
 10 Heater immersion
 1 Instal kit MK 1306
 1 Instal kit MK 1554
 1 Lchr gren 40mm
 1 MG 7.62mm w/tripod
 15 Mask CBR
 8 Night vision sight PVS-4
 1 Pistol cal 45
 1 Pwr sup assy veh
 1 Radiac set
 2 Radiacmeter IM-93
 1 Radiacmeter IM-174
 1 Radio st VRC-47
 3 Range outfit fld
 14 Rifle 5.56mm
 1 Speech sec equip KY-38
 2 Tel set TA-312
 1 Tool kit carpenter
 1 Tool kit sml arms
 1 Tlr 1/4T
 1 Tlr 1 1/2T
 1 Tlr tk wtr
 2 Trk 2 1/2T
 1 Trk 1/4T
 8 Watch wrist

COMM PLAT HQ**Personnel**

1 E7 Tac Comm Ch
 2 E4 Telecom Cen Opr
 1 E4 Tac Comm Sys Opr/Mech
 1 E3 Telecom Cen Opr

Equipment

1 Antenna RC-292
 5 Bayonet
 1 Cable tel DR-8
 5 Camouflage screen sys
 5 Camouflage screen spt sys
 1 Cen Off TT TGC-30
 1 Detecting set mine PSS-11
 2 Elec TT sec equip KW-7
 1 Generator 3kw
 1 Instal kit MK 1234
 1 Instal kit MK 1552
 1 Inverter vibrator
 1 Lchr gren 40mm
 1 MG 7.62mm w/tripod
 5 Mask CBR
 1 Multimeter
 1 Pwr sup assy veh
 2 Radiacmeter IM-93
 1 Radiacmeter IM-174
 1 Radio set VRC-46
 1 Radio set control gp GRA-39
 1 Reeling mach RL-39
 5 Rifle 5.56mm
 1 Speech sec equip KY-38
 2 Tel set TA-312
 1 Test set elec tube
 1 Test set radio
 1 Test set radio freq
 1 Took kit elec equip
 1 Tlr 1/4T
 1 Trk 1 1/4T
 1 Trk 1/4T

WIRE SECTION**Personnel**

1 E5 Tac Wire Ops Tm Ch
 2 E4 Tac Wire Ops Sp
 4 E3 Tac Wire Ops Sp

Equipment

1 Axle reel RL-27
 7 Bayonet
 2 Cable assy sp purp
 2 Cable DR-8
 5 Cable tel RL-159
 3 Camouflage screen sys
 3 Camouflage screen spt sys
 7 Mask CBR
 1 Reeling mach RL-31
 1 Reeling mach RL-39
 7 Rifle 5.56mm
 1 Switchboard SB-22
 8 Tel set TA-312

RADIO SECTION**Personnel**

4 E5 Ch Radio Opr/Supv
 2 E4 Radio Opr
 4 E3 Radio Opr

Equipment

10 Bayonet
 12 Camouflage screen sys
 12 Camouflage screen spt sys
 3 Compass mag
 3 Generator 10kw
 10 Mask CBR
 3 Radio term set TRC-133
 10 Rifle 5.56mm
 3 Trk 2 1/2T

MICROWAVE SECTION**Personnel**

1 E5 Tac Sat/Mic Sys Opr
 1 E4 Tac Sat/Mic Sys Opr
 1 E3 Tac Sat/Mic Sys Opr

Equipment

1 Accy kit veh
 3 Bayonet
 5 Camouflage screen sys
 5 Camouflage screen spt sys
 2 Generator 10kw
 3 Mask CBR
 1 Mounting kit msl equip
 1 Radio terminal set TRC-80
 3 Rifle 5.56mm
 1 Tlr 1 1/2T
 1 Trk 5T

BTRY CONTROL CENTRAL SECTION**Personnel**

1 O3 Ops Off
 1 E7 Ops Sgt
 1 E6 Asst Ops Sgt
 1 E5 Sr Ops Asst
 2 E4 Ops Asst
 1 E4 Tac Wire Ops Sp
 1 E3 Tac Wire Ops Sp
 2 E3 RTO

Equipment

1 Antenna RC-292
 10 Bayonet
 2 Camouflage screen sys
 2 Camouflage screen spt sys
 1 Code changer key KYK-28
 1 Compass mag
 1 Generator 15kw
 1 GM btry cont cen (Pershing)
 2 Headset microphone
 1 Instal kit MK 1629
 1 Instal kit MK 1810
 1 Instal kit MK 1817
 1 Loudspeaker
 10 Mask CBR
 1 Pwr sup assy veh
 1 Radio set VRC-46
 1 Radio set VRC-47
 10 Rifle 5.56mm

- 1 Speech sec equip KY-38
- 1 Switchboard SB-22
- 1 Tlr ¾T
- 1 Trk 1¼T

SURVEY SECTION

Personnel

- 1 E6 Ch Survey Party
- 1 E4 Survey Comp/Recorder
- 1 E5 Survey Comp
- 1 E4 Instr Opr
- 1 E3 Rodman/Tapeman

Equipment

- 1 Alarm CML
- 5 Bayonet
- 1 Binocular
- 5 Camouflage screen sys
- 5 Camouflage screen spt sys
- 1 Charger btry
- 1 Compass mag
- 2 Instal kit MK 1817
- 1 Lchr gren 40mm
- 5 Mask CBR
- 2 Radio set GRC-160
- 5 Rifle 5.56mm
- 1 Surveying instr az gyro
- 1 Surveying instr DME
- 1 Surveying set arty 4th order
- 1 Tgt set surveying
- 2 Tel set TA-312
- 1 Theodolite survey
- 2 Tlr ¾T
- 2 Trk 1¼T

(3) FIRING PLAT HQ

Personnel

- 3 03 Plt Ldr
- 3 WO Msl Maint Tech
- 3 E7 Plat Sgt
- 3 E6 Elec Mat Supv
- 3 E5 Elec Mat Sp
- 3 E4 Ops Asst
- 3 E4 Boom Opr
- 3 E3 RTO

Equipment

- 1 Alarm CML
- 3 Antenna RC-292
- 27 Bayonet
- 3 Binocular
- 6 Cable tel DR-8
- 31 Camouflage screen sys
- 31 Camouflage screen spt sys
- 3 Code changer key KYK-28
- 3 Compass mag
- 3 Generator 1.5kw
- 3 Instal kit MK 1624
- 3 Instal kit MK 1817
- 27 Mask CBR
- 3 Pwr sup assy veh
- 3 Radiacmeter IM-93
- 3 Radiacmeter IM-174

- 3 Radio set VRC-46
- 3 Radio set control gp GRA-39
- 3 Reeling mach RL-39
- 27 Rifle 5.56mm
- 3 Sling mult leg (Pershing)
- 3 Sling GM cont (Pershing)
- 3 Sling set beam type
- 3 Speech sec equip
- 27 Tel set TA-312
- 3 Test set elec circuit
- 3 Tie down kit ancillary equip
- 3 Tlr ¾T
- 1 Tng set GM
- 3 Trk 1¼T
- 2 Trk van
- 3 Trk wrecker 5T

(3) FIRING SECTION

Personnel

- 3 E6 Sec Ch
- 6 E5 Asst Sec Ch
- 9 E5 Erector/Lchr Sp
- 6 E5 Elec Mat Spec
- 6 E5 Sr Az Laying Sp
- 6 E4 Az Laying Sp
- 6 E4 Pwr Sta Sp
- 9 E4 Sr Msl Crewman
- 15 E3 Msl Crewman

Equipment

- 9 Accy kit veh
- 3 Adaption kit simulator assy
- 3 Aiming circle
- 6 Az laying set GM
- 66 Bayonet
- 3 Cable assy set GSA-113
- 135 Camouflage screen sys
- 135 Camouflage screen spt sys
- 3 Demo set explosive
- 9 Erector/lchr GM
- 3 Generator 60kw
- 9 Generator 10kw
- 3 Heater duct type
- 3 Lchr gren 40mm
- 6 MG 7.62mm w/tripod
- 66 Mask CBR
- 3 Mounting kit transportable
- 3 Pwr dist set GSA-109
- 6 Pwr dist set GSA-111
- 3 Pwr sta GM sys transportable
- 3 Programmer test sta
- 66 Rifle 5.56mm
- 6 Semi-tlr stake 12T
- 9 Tel set TA-312
- 1 Test set elec cable
- 3 Tool kit GM mech assembler firing site
- 3 Tool kit GM assembler msl mating
- 3 Tool kit spec wpns
- 3 Tlr 1½T
- 9 Trk 2½T
- 3 Trk 5T

- 6 Trk tractor 5T
- 9 Trk tractor 5T w/winch
- 1 Whd sec atomic tng

(3) SECURITY SECTIONS

Personnel

- 3 E6 Sec Ch
- 3 E5 Asst Sec Ch
- 6 E4 Sr Security Guard
- 24 E3 Security Guard

Equipment

- 36 Bayonet
- 12 Cable tel DR-8
- 9 Camouflage screen sys
- 9 Camouflage screen spt sys
- 3 Instal kit MK 1817
- 3 Lchr gren 40mm
- 6 MG 7.62mm w/tripod
- 3 Radio set VRC-46
- 3 Radio set control gp GRA-39
- 6 Reeling mach RL-39
- 36 Rifle 5.56mm
- 9 Tel set TA-312
- 3 Trk 1¼T
- 3 Trk 1¼T w/60 amp-comm kits
- 36 Mask CBR

SUPPORT PLATOON

Personnel

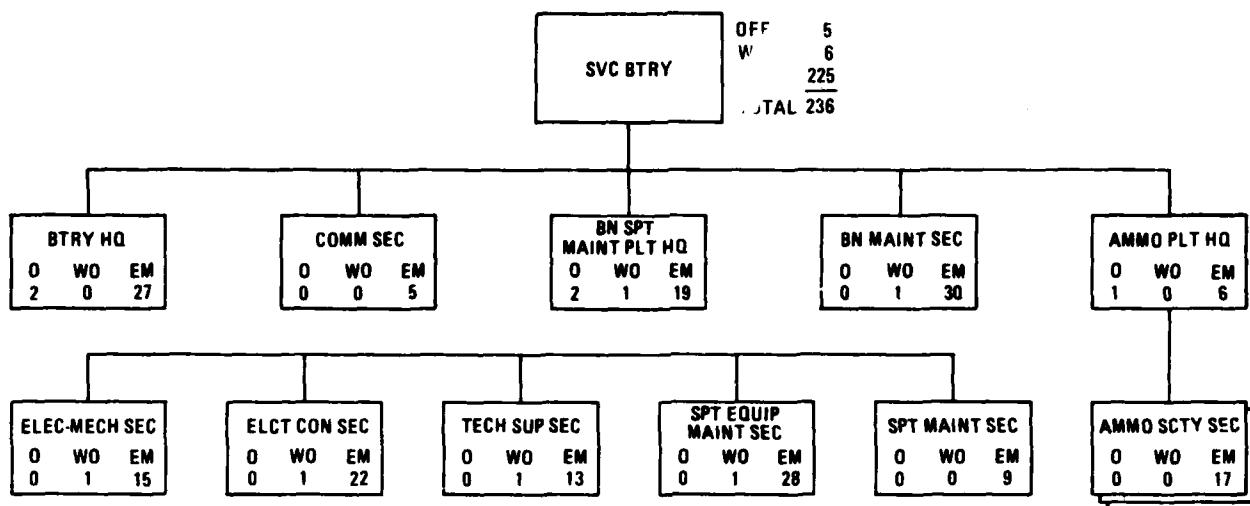
- 1 WO Auto Mech Tech
- 1 E6 Motor Sgt
- 3 E5 Pwr Gen/Whl Veh Mech
- 1 E4 Engr Msl Equip Mech
- 1 E4 Equip Maint Clk
- 4 E4 Lt Veh Driver
- 5 E4 Pwr Gen/Whl Veh Mech
- 1 E4 PLL Clk
- 1 E4 Wrecker Opr
- 1 E3 Equip Maint Clk
- 3 E3 Pwr Gen/Whl Veh Mech

Equipment

- 22 Bayonet
- 1 Cabinet tool/sp parts w/18 drwrs
- 1 Cabinet tool/sp parts 35½H
- 1 Cable assy set elec GSA-112 (XO-1)
- 52 Camouflage screen sys
- 52 Camouflage screen spt sys
- 1 Chassis tlr 2½T
- 1 Compressor
- 1 Generator 1.5kw
- 1 Generator 3kw
- 1 Instal kit MK 1817
- 1 Lchr gren 40mm
- 1 Light set geh illum
- 1 MG 7.62mm w/tripod
- 22 Mask CBR
- 1 Multimeter
- 1 Charger btry
- 1 Pwr sta GM

2 Radiacmeter IM-93
1 Radiacmeter IM-173
1 Radio set VRC-46
22 Rifle 5.56mm
3 Shelter repair parts
1 Shop equip auto maint
4 Tank/pump unit liquid disp
3 Tank unit liquid disp
2 Tool kit air conditioner
12 Tool kit mech
1 Tlr $\frac{3}{4}$ T
4 Tlr $1\frac{1}{2}$ T
1 Trk $1\frac{1}{4}$ T
1 Trk $2\frac{1}{2}$ T
4 Trk 5T LWB 6 x 6
3 Trk 5T 8 x 8
1 Trk $\frac{1}{4}$ T
1 Trk wrecker 5T

TOE 619H
SERVICE BATTERY, FIELD ARTILLERY BATTALION, PERSHING



MISSION: To procure, store, and distribute ammunition to units of the battalion; to maintain appropriate records; and to perform direct support maintenance of battalion equipment except automotive and medical equipment.

TOE 6-619

BTRY HQ

Personnel

- 1 O3 BC
- 1 Lt XO
- 1 E8 1st Sgt
- 1 E7 Food Svc Sgt
- 1 E6 Motor Sgt
- 1 E6 Supply Sgt
- 1 E6 1st Cook
- 1 E5 Cook
- 2 E5 Pwr Gen/Whl Veh Mech
- 1 E5 Unit Clk
- 1 E5 NBC Ops NCO
- 1 E4 Armorer
- 2 E3 Cook
- 1 E4 Equip Maint Clk
- 4 E4 Pwr Gen/Whl Veh Mech
- 1 E4 PLL Clk
- 1 E3 Cook
- 3 E3 Lt Veh Driver
- 1 E3 Gen Supplyman
- 3 E3 Pwr Gen/Whl Veh Mech

Equipment

- 1 Accy outfit fld range
- 1 Alarm CML
- 1 Antenna RC-292
- 29 Bayonet
- 1 Binocular
- 1 Cabinet tool/sp parts w/drwr
- 1 Cabinet tool/sp parts 35½H
- 1 Cable tel DR-8
- 38 Camouflage screen sys
- 38 Camouflage screen spt sys
- 2 Charger radiac detector
- 1 Code changer key KYK-28
- 1 Compass mag
- 1 Compressor
- 1 Detecting set mine
- 1 Detecting set mine PSS-11
- 1 Generator 1.5kw (120V)
- 1 Generator 1.5kw (28V)
- 10 Heater immersion
- 1 Instal kit MK 1306
- 1 Instal kit MK 1554
- 1 Lchr gren 40mm
- 1 Light set gen illum
- 1 MG 7.62mm w/tripod
- 29 Mask CBR
- 1 Multimeter
- 2 Night vision sight PVS-4
- 1 Pistol cal 45
- 1 Pwr sup assy veh
- 1 Radiac set
- 2 Radiacmeter IM-93
- 1 Radiacmeter IM-174
- 1 Radio set VRC-47
- 1 Radio set control gp GRA-39
- 3 Range outfit fld
- 1 Reeling mach RL-39
- 28 Rifle 5.56mm

- 1 Speech sec equip KY-38
- 2 Tank/pump unit liquid disp
- 2 Tank unit liquid disp
- 5 Tel set TA-312
- 1 Shop equip auto maint
- 9 Tool kit mech
- 1 Tool kit carpenter
- 1 Tool kit sml arms
- 1 Tlr ¼T
- 1 Tlr ¾T
- 3 Tlr 1½T
- 1 Tlr tk wtr
- 1 Trk 1¼T
- 2 Trk 2½T
- 1 Trk 2½T w/winch
- 2 Trk 5T
- 1 Trk ¼T

COMM SECTION

Personnel

- 1 E6 Tac Comm Ch
- 2 E4 Tac Wire Ops Sp
- 2 E3 Tac Wire Ops Sp

Equipment

- 5 Bayonet
- 2 Cable tel DR-8
- 3 Cable tel RL-159
- 9 Camouflage screen sys
- 9 Camouflage screen spt sys
- 5 Mask CBR
- 1 Reeling mach RL-31
- 2 Reeling mach RL-39
- 5 Rifle 5.56mm
- 1 Switchboard SB-22
- 5 Tel set TA-312
- 1 TT set GGC-3
- 1 TT set PGC-1
- 1 Tlr ¾T
- 1 Trk 1¼T

AMMO PLAT HQ

Personnel

- 1 Lt Ammo Off
- 1 E7 Plat Sgt
- 4 E6 Guidance Control Insp
- 1 E4 Ammo Agent

Equipment

- 1 Alarm CML
- 7 Bayonet
- 5 Camouflage screen sys
- 5 Camouflage screen spt sys
- 1 Instal kit MK 1629
- 1 Instal kit MK 1817
- 7 Mask CBR
- 1 Pwr sup assy veh
- 1 Radio set VRC-46
- 7 Rifle 5.56mm
- 1 Speech sec equip KY-38
- 2 Tel set TA-312
- 2 Tool kit spec wpns

- 1 Tlr ¾T
- 1 Trk 1¼T

(3) AMMO SECURITY SECTION

Personnel

- 3 E6 Sec Ch
- 3 E5 Asst Sec Ch
- 2 E5 Ch Radio Opr Supv
- 6 E4 Hvy Veh Driver
- 3 E4 Sr Msl Handler
- 12 E4 Sr Security Guard
- 2 E4 Radio Opr
- 3 E4 Wrecker Opr
- 15 E3 Security Guard
- 2 E3 Radio Opr

Equipment

- 51 Bayonet
- 6 Cable tel DR-8
- 44 Camouflage screen sys
- 44 Camouflage screen spt sys
- 3 Code changer key KYK-28
- 3 Demo set explosive
- 3 Instal kit MK 1629
- 3 Instal kit MK 1815
- 6 Instal kit MK 1817
- 3 Lchr gren 40mm
- 3 MG 7.62mm w/tripod
- 51 Mask CBR
- 3 Pwr sup assy veh
- 3 Radio set GRC-106
- 3 Radio set GRC-160
- 3 Radio set VRC-46
- 3 Reeling mach RL-39
- 51 Rifle 5.56mm
- 6 Semi-trl stake 12T
- 3 Sling GM
- 3 Sling set beam type
- 3 Speech sec equip KY-38
- 6 Tel set TA-312
- 3 Tie down kit
- 3 Tool kit GM mech assembler firing site
- 3 Tool kit GM mech assembler msl mating
- 3 Tlr ¾T
- 6 Trk 1¼T
- 6 Trk 5T
- 3 Trk 5T wrecker

BN MAINT SECTION

Personnel

- 1 WO Auto Maint Tech
- 1 E8 Motor Maint Sgt
- 6 E5 Pwr Gen/Whl Veh Mech
- 1 E4 Engr Msl Equip Mech
- 9 E4 Pwr Gen/Whl Veh Mech
- 2 E4 Pwr Pack Sp
- 1 E4 Mat Sup Sp
- 1 E4 Welder
- 2 E4 Wrecker Opr
- 7 E3 Pwr Gen/Whl Veh Mech

Equipment

- 31 Bayonet
- 1 Cabinet tool/sp parts 3 shelves
- 1 Cabinet tool/sp parts 35½H
- 1 Cable tel DR-8
- 36 Camouflage screen sys
- 36 Camouflage screen spt sys
- 2 Charger btry
- 1 Compressor
- 1 Generator 1.5kw
- 2 Generator 3kw
- 1 Instal kit MK 1817
- 31 Mask CBR
- 1 Multimeter
- 1 Radio set VRC-46
- 1 Radio set control gp GRA-39
- 1 Reeling mach RL-39
- 31 Rifle 5.56mm
- 1 Tel set TA-312
- 1 Tie down kit
- 1 Tool kit air conditioner
- 1 Shop equip auto maint
- 25 Tool kit mech
- 1 Tlr ¾T
- 1 Tlr 1½T
- 1 Trk 1¼T
- 1 Trk 5T w/winch
- 2 Trk wrecker 5T
- 1 Welding set arc

BN SPT MAINT PLAT HQ

Personnel

- 1 Lt Plat Ldr
- 1 Lt Shop Off
- 1 WO Maint Insp Tech
- 1 E8 Maint Ch
- 1 E7 Plat Sgt
- 2 E6 Elec Mech Insp
- 1 E6 Fld Radio Repair Supv
- 4 E6 Guidance Control Insp
- 2 E6 Pwr Gen Equip Insp
- 1 E5 Engr Msl Equip Insp
- 1 E4 Tac Micro Sys Repairer
- 1 E4 Clk Typist
- 1 E4 Equip Maint Clk
- 1 E4 Mat Sup Sp
- 1 E4 Wrecker Opr
- 1 E3 Mat Sup Sp
- 1 E3 Equip Maint Clk

Equipment

- 22 Bayonet
- 1 Cable tel DR-8
- 13 Camouflage screen sys
- 13 Camouflage screen spt sys
- 1 Generator 1.5kw (120V)
- 1 Generator 1.5kw (28V)
- 1 Instal kit MK 1234
- 1 Light set gen illum
- 22 Mask CBR
- 2 Radiacmeter IM-93
- 1 Radiacmeter IM-174

- 1 Radio st VRC-46
- 1 Radio set control gp GRA-39
- 1 Reeling mach RL-39
- 22 Rifle 5.56mm
- 1 Tel set TA-312
- 1 Tlr ¼T
- 1 Tlr 1½T
- 1 Tng set GM sys
- 1 Trk 2½T
- 1 Trk ¼T
- 1 Trk wrecker 5T

ELECTRICAL MECH SECTION

Personnel

- 1 WO Maint Tech
- 1 E7 Sec Ch
- 1 E6 Elec Mech Rep Supv
- 4 E5 Per Elec Mech Repairer
- 6 E4 Per Elec Mech Repairer
- 3 E3 Elec Mech Rpmn Apprentice

Equipment

- 16 Bayonet
- 20 Camouflage screen sys
- 20 Camouflage screen spt sys
- 2 Cradle GM sec
- 1 Generator 60kw
- 1 Generator 1.5kw
- 1 Heater duct type
- 1 Light set gen illum
- 16 Mask CBR
- 16 Rifle 5.56mm
- 1 Shop equip GM fld maint
- 2 Sling mult leg
- 2 Sling set beam type
- 2 Sling GM cont
- 1 Tel set TA-312
- 2 Tie down kit
- 1 Shop equip GM
- 1 Test equip GM sys
- 10 Tool kit GM maint
- 1 Tlr ¾T
- 1 Tlr 1½T
- 1 Trk 1¼T
- 1 Trk 2½T
- 1 Trk 5T w/winch
- 1 Trk van shop 2½T
- 1 Test set elect circuit

ELEC CONTROL SECTION

Personnel

- 1 WO Maint Tech
- 1 E7 Sec Ch
- 2 E6 Elec Rep Insp
- 6 E6 Elec Rep Supv
- 7 E5 Elec Repairer
- 6 E4 Elec Repairer

Equipment

- 23 Bayonet
- 2 Cable assy reeling mach
- 2 Cable assy set elec GSA-110
- 36 Camouflage screen sys

- 36 Camouflage screen spt sys
- 23 Mask CBR
- 4 Multimeter
- 2 Pwr sta
- 23 Rifle 5.56mm
- 1 Shop equip GM sys
- 1 Tel set TA-312
- 1 Test set elec cable
- 2 Test set GM
- 19 Tool kit elec rpmn
- 3 Tool kit GM maint control
- 4 Tool kit GM maint digital rpt
- 1 Tool kit GM maint elec shop
- 2 Tlr ¾T
- 2 Trk 1¼T
- 1 Trk 2½T
- 2 Trk 5T w/winch
- 2 Trk tractor 5T w/winch
- 3 Trk van shop 2½T

TECH SUPPLY SECTION

Personnel

- 1 WO Unit Supply Tech
- 1 E6 Mat Supply Supv
- 3 E5 Mat Supply Sp
- 4 E4 Mat Supply Sp
- 4 E3 Mat Supply Sp
- 1 E3 Reports Clk

Equipment

- 14 Bayonet
- 37 Camouflage screen sys
- 37 Camouflage screen spt sys
- 1 Generator 60kw
- 1 Generator 1.5kw
- 1 GM sys sup office
- 14 Mask CBR
- 1 Preservation/packaging shop
- 14 Rifle 5.56mm
- 5 Semi-tlr van repair parts 6T
- 1 Semi-tlr sup 12T
- 1 Semi-tlr shop 6T
- 2 Shop set sp parts
- 1 Tel set TA-312
- 1 Trk 1¼T
- 2 Trk 5T w/winch
- 7 Trk tractor 5T w/winch
- 1 Trk van expansible 5T

SPT EQUIP MAINT SECTION

Personnel

- 1 WO Engr Equip Maint Tech
- 1 E7 Engr Msl Repair Supv
- 2 E6 Repair Foreman
- 1 E5 Machinist
- 8 E5 Pwr Gen Equip Rpm
- 1 E5 Sr Engr Msl Equip Sp
- 1 E5 Topo Instr Repair Sp
- 1 E5 Sr Welder
- 1 E4 Sp Elec Devices Rpr
- 1 E4 Engr Msl Equip Sp
- 4 E4 Pwr Gen Equip Rpmn Asst

- 3 E4 Pwr Pack Sp
- 1 E4 Sp Elec Devices Repairer
- 1 E4 Topo Instr Repair Sp
- 1 E4 Welder
- 1 E4 Machinist

Equipment

- 29 Bayonet
- 14 Camouflage screen sys
- 14 Camouflage screen spt sys
- 1 Generator 5kw
- 1 Generator 10kw
- 1 Heater duct type
- 29 Mask CBR
- 4 Multimeter
- 29 Rifle 5.56mm
- 3 Shop equip contact maint
- 1 Shop equip elec rep
- 1 Shop equip electronic rep
- 1 Shop equip organizational rep
- 2 Tel set TA-312
- 1 Theodolite survey
- 2 Tool kit air conditioner
- 3 Tool kit test equip
- 17 Tool kit mech
- 5 Tool kit master mech
- 2 Tool kit prec instr
- 1 Tlr ¾T
- 1 Tlr 1½T
- 1 Trk 1¼T
- 2 Trk 2½T
- 2 Trk tractor 5T
- 1 Welding set
- 1 Welding shop tlr mtd

COMM MAINT SECTION

Personnel

- 1 E7 CE Elec Maint Ch
- 1 E6 Tac Micro Sys Repair Supv
- 1 E4 Fld Radio Repairer
- 3 E4 Tac Micro Sys Repairer
- 1 E4 Dial/Man Cen Off Repairer
- 1 E4 Fld Gen Comsec Repairer
- 1 E4 TT Repairer

Equipment

- 1 Analyzer spectrum
- 9 Bayonet
- 14 Camouflage screen sys
- 14 Camouflage screen spt sys
- 1 Counter electronic digital readout
- 2 Dummy load electrical
- 2 Electronic shop shelter
- 2 Generator 10kw
- 2 Generator sig URM-103
- 2 Generator sig URM-127
- 1 Inverter vibrator
- 9 Mask CBR
- 4 Multimeter USN-223
- 2 Multimeter ME-26/U
- 2 Multimeter ME-30/U
- 1 Oscilloscope USM-281

- 2 Pwr sup PP-4763/GRC
- 9 Rifle 5.56mm
- 1 Tel set TA-312
- 1 Test set elec cable
- 2 Test set elec tube
- 1 Test set radio
- 2 Test set radio freq URM-120
- 1 Test set radio freq URM-182
- 1 Test set semi-conductor
- 1 Test set tel
- 1 Test set TT
- 1 Tool equip tel elec
- 1 Tool kit TT equip
- 1 Tool kit elec equip TK-100/G
- 6 Tool kit elec equip TK-105/G
- 2 Trk 1¼T
- 2 Trk 2½T
- 2 Tube socket adapter kit
- 1 Voltmeter elec
- 1 Test set relay TS-836
- 1 Test set TT TS-800

TABLE I SERIES
COMMUNICATIONS EQUIPMENT TABLES

- I-1. FM Radios
- I-2. AM Radios
- I-3. Single-Sideband Radios
- I-4. Army Aircraft Radios
- I-5. Communications Security Equipment
- I-6. Remote Control Devices
- I-7. Switchboards
- I-8. Teletypewriter Equipment
- I-9. Reeling Equipment

Table I-1. FM Radios

| Radio set | Receiver/ transmitter | Frequency (MHz) | Operation modes | Range (km) | Channels | | Power requirement | Reference manual | Remarks |
|------------|---------------------------|--------------------------------|------------------------|---------------|----------|--------|---|---|--|
| | | | | | Total | Preset | | | |
| AN/PRC-77 | RT-841/PRC-77 | 30.00 - 52.95 53.00 - 75.95 | Voice & 150-Hz tone | 8-16 | 920 | 2 | BA-386/U (30 hr) BA-4386/U (60 hr) BA-398/U | TM 11-5820 -667-12 | X-mode for security device BA-398/U is for arctic operation. |
| AN/VRC-64 | RT-841/PRC-77 | 30.00 - 52.95 53.00 - 75.95 | Voice & 150-Hz tone | 8-16 | 920 | 2 | 24VDC vehicular btry | TM 11-5820 -667-12 | Vehicular configuration of AN/PRC-77. |
| AN/GRC-160 | RT-841/PRC-77 | 30.00 - 52.95 | Voice & 150-Hz tone | 8-16 | 920 | 2 | Dry btry or vehicular btry | TM 11-5820 -667-12 | On/off vehicular config- uration of AN/PRC-77. |
| AN/VRC-12 | RT-246/VRC R-442/VRC | 30.00 - 75.95 | Voice & 150-Hz tone | 8-41 | 920 | 10 | 24VDC | TM 11-5820 -401-12 | Replaces AN/VRC-16, -17, -18. |
| AN/VRC-43 | RT-246/VRC | 30.00 - 75.95 | Voice & 150-Hz tone | 8-41 | 920 | 10 | 24VDC | TM 11-5820 -401-12 | Replaces AN/VRC-8, -9, -10. |
| AN/VRC-44 | RT-246/VRC 2 R-442/VRC | 30.00 - 75.95 | Voice & 150-Hz tone | 8-41 | 920 | 10 | 24VDC | TM 11-5820 -401-12 TM 11-5820 -401-10-1 TM 11-5820 -401-10-2 | No previous configuration with capability. |
| AN/VRC-45 | 2 RT-246/VRC | 30.00 - 75.95 | Voice & 150-Hz tone | 8-41 | 920 | 10 | 24VDC | TM 11-5820 -401-12 TM 11-5820 -401-10-1 TM 11-5820 -401-10-2 | Replaces AN/VRQ-1, -2, -3. |
| AN/VRC-46 | RT-524/VRC | 30.00 - 75.95 | Voice | 8-41 | 920 | 0 | 24VDC | TM 11-5820 -401-12 TM 11-5820 -401-10-1 TM 11-5820 -401-10-2 | Replaces AN/VRC-8, -9, -10. |

TABLE I-1. FM Radios (cont)

| Radio set | Receiver/ transmitter | Frequency (MHz) | Operation modes | Range (km) | Channel Total | Preset | Power requirement | Reference manual | Remarks |
|-----------|---------------------------|--------------------|--------------------|---------------|------------------|--------|----------------------|---|---|
| AN/VRC-47 | RT-524/VRC R-442/VRC | 30.00 - 75.95 | Voice | 8-41 | 920 | 0 | 24VDC | TM 11-5820 -401-12 TM 11-5820 -401-10-1 TM 11-5820 -401-10-2 | Replaces AN/VRC-16, -17, -18. |
| AN/VRC-48 | RT-524/VRC 2 R-442/VRC | 30.00 - 75.95 | Voice | 8-41 | 920 | 0 | 24VDC | TM 11-5820 -401-12 TM 11-5820 -401-10-1 TM 11-5820 -401-10-2 | No previous configuration with capability. |
| AN/VRC-49 | 2 RT-524/VRC | 30.00 - 75.95 | Voice | 8-41 | 920 | 0 | 24VDC | TM 11-5820 -401-12 TM 11-5820 -401-10-1 TM 11-5820 -401-10-2 | Replaces AN/VRQ-1, -2, -3. |

Table I-2. AM Radios

| Radio set | Receiver/ transmitter | Frequency (MHz) | Operation modes | Range (km) | Channel Total | Preset | Power requirement | Reference manual | Remarks |
|------------|---|---|--|--|------------------|--------|--|-------------------------------|--|
| AN/PRC-47 | RT-67L/PRC-47 | 2-11.999 in 1-KHz incre- ments | USB only: Voice, CM, or FSK, (modulating frequency -800Hz). | Note 2: | 10,000 | | B8-451/U or vehicular | TM 11-5820 -509-12 | Used in airborne opera- tion. Portable by ruck- sack (requiring 2 men) using battery power, or vehicular mounting, using vehicular battery. In fixed station operation can use 115 volts, single phase, 400 Hz. Uses an- tennas AS-1320/PRC-47 (15 ft whip), AS-1321/PRC-47 (45 ft long wire), and vehicular whip. |
| AN/GRC-46 | R-392/URR T-195/GRC-19 | 0.5 - 32.0 Receive 1.5 - 20.0 Transmit | Voice, CM, FSK, simul- taneous voice & FSK | 80 | 28,000 | 8 | 27.5 VDC (transmit only) | TM 11-5815 -204-10 | Mounted in shelters S-89 or S-144. Standard B item, being replaced by AN/GRC- 142. Has on-line security capability. Nonsecure voice operation. |
| AN/VRC-24A | Receiver- transmitter OA-2648/ VRC-24A | 225.0 - 399.0 | Voice | 48 at 1,000 ft; 160 a; 10,000 ft. | 1,750 | 19 | 24VDC or 115/230V AC, 50 to 60 Hz | TM 11-5820 -222- series | Ground-to-air communica- tion. Compatible with AN/ ARC-27, AN/ARC-55, or AN/ ARC-51. |
| AN/VRC-29 | | See AN/GRC-46 | | | | | | | AN/GRC-46 less shelter. Configuration for mounting in armored personnel carriers. |

TABLE I-2. AM Radios (cont.)

| Radio set | Receiver/ transmitter | Frequency (MHz) | Operation modes | Range (km) | Channel Total Preset | Power requirement | Reference manual | Remarks |
|-------------------------|--------------------------|--------------------|--------------------|---------------------|--|---|---|---|
| AN/PRC-41 AN/PRC-41A | RT-695 or RT-695A | 225.0 - 399.9 | Voice (AM) | Line of Sight | 1750 crystal control (100- KHz channel spacing) | BB-451/U; PP-3700/ PRC-41 (Fixed station) or vehic- ular btry | TM 11-5820 -510-12 (AN/PRC-41) TM 11-5820 -510-12-1 (AN/PRC- 41A) | Can operate from 115 or 230 volts, 50 to 400 Hz. Permits manpack, fixed station, or vehicular operation. Uses either directional antenna AS- 1405/PRC-41 or omnidirec- tional antenna AS-1404/ PRC-41. Used for ground- to-air communication. Such as forward air controller. On TOE of airmobile divi- sion. |

Table I-3. Single-Sideband Radios

| Radio set | Receiver/ transmitter | Frequency (MHz) | Operation modes | Range (km) | Channels | Power requirement | Reference manual | Remarks |
|-------------|--|--------------------|---|---------------|---|--|---|---|
| AN/GRC-106* | RT-662/GRC or RT-834/GRC | 2.0 - 29.999 | Voice, CM | 80 | 28,000 | 27VDC 100-amp high-capacity generator or 5-kw AC gener- ator with in- verter PP- 4763A | TM 11-5820 -520-series and TM 11- 5820-765-12 | Replacement for AN/ GRA-19. May be mounted on 1/4-ton vehicle. |
| AN/GRC-142* | RT-662/GRC & Modem MD-522A | 2.0 - 29.999 | Voice, CM, NSK, FSK, voice & FSK simul- taneously | See Note 2 | 28,000 (RT- 662) 280,000 (RT-834) | Same as AN/GRC- 106 | TM 11-5820 -520-series TM 11-5805 -387-15-1 & 2 TM 11-5815 -334-12 | Replacement for AN/ GRC-46. On-line security capability. Half-duplex operation. Shelter mounted (S-318) 3/4-ton. Can use PP- 4763/GRC (28VDC at 50 amp from 115VAC). |
| AN/GRC-122* | 2 RT-662/GRC or RT-834/GRC & Modem MD- 522A | 2.0 - 29.999 | Same as AN/GRC-142 | See Note 2 | 28,000 (RT- 662) 280,000 (RT-834) | Same as AN/GRC- 106 | TM 11-5820 -520-series and TM 11- 5805-387-15- 1 & 2 TM 11-5815 -334-12 | Same as AN/GRC-142, except for additional RT-662 and auxiliary equipment for full- duplex operation. Can use PP-4763/GRC (28VDC at 50 amp from 115VAC). |
| AN/VSC-2 | RT-662/GRC or RT-834/GRC & Modem MD- 552A | 2.0 - 29.999 | Same as AN/GRC-142 | See Note 2 | 28,000 (RT- 662) 280,000 (RT-834) | Same as AN/GRC- 106 | TM 11-5805 -387-15-1 & 2 TM 11-5815 -331-14 | Replacement for AN/ VSC-1. Same as AN/ GRC-142 less reper- forator. Mtd in 1/4- ton veh for airborne operation. |
| AN/VSC-3 | RT-662/GRC or RT-834/GRC & Modem MD-522A | 2.0 - 29.999 | Same as AN/GRC-142 | See Note 2 | 28,000 (RT- 662) 280,000 (RT-834) | Same as AN/GRC 106 | TM 11-5815 -332-15 (when pub- lished TM 11-5805-398- 15-1 & 2) | Replacement for AN/VRC- 29. Mounted in M577 vehicle. |

Table I-3. Single-Sideband Radios (cont)

| Radio set | Receiver/ transmitter | Frequency (MHz) | Operation modes | Range (km) | Channels | Power requirement | Reference manual | Remarks |
|----------------------------------|--|--------------------|--------------------|-----------------------------------|---|---|--|--|
| AN/FRC-03 KWM-2A (Collins) | RT-718/FRC-93 | 3.4 - 29.999 | Voice & CW | 80 ground- wave & note 3 | Continuous tuning | 115VAC single- phase 60 Hz & PP-3990/FRC-93 | TM 11-5820 -529-15 (also Collins instruction book) | Used in Pershing battalion. Also found in airborne units. Commercial off-the- shelf item for SSB communication. |
| AN/PRC-74B | RT-794/PRC-74 | 2.0 - 17.999 | Voice & CW | 40 ground- wave & note 3 | Vernier controlled detent tuning in 1-KHz steps | 70 BA 30 or 2 BA 386 or PP- 4514/PRC-74 | TM 11-5820 -590-12-1 | Half-duplex capability. Can use 12-volt nickel cadmium wet-cell battery. |
| AN/TRC-133 | 5 KWM-2A radio sets (RT-718/ FRC-93) | 3.4 - 29.999 | Voice & CW | 80 ground- wave & note 3 | Continuous tuning | Two 5-kw gen- erators w/PP- 3990/FRC-93 | TM 11-5820 -610-14 | Five AN/FRC-93 radio sets mounted in shelter S-141 and trailer with 2 10 kw generators. One radio set for operations using the vehicular 28-volt DC system in conjunction with DC power supply M516E-2. |

*PP-4763 is used when commercial power (115-volt) is utilized.

Table I-4. Army Aircraft Radios

| Radio set | Receiver/ transmitter | Frequency (MHz) | Operation modes | Range (km) | Channels | Power requirement | Reference manual | Remarks |
|---------------------------|---|--|---|------------------------------|--------------------------------------|----------------------|---------------------------|--|
| AN/ARC-51X AN/ARC-51BX | RT-702/ARC- 51X RT-742/ ARC-51BX | 225.0 - 339.9 | AM voice | (note 1) | 1750 (51X) 3500-51BX 18 preset | 27.5VDC | TM 11-5820 -518-20 | Replaces AN/ARC-55 for traffic control communication. Oper- ation ceiling is 70,000 feet. |
| AN/ARC-54 | RT-384/ARC-54 (built-in re- transmission using 2 AN/ ARC-54 | 30 - 69.95 | FM voice visual read-out (note for homing 1) | Line sight (note 1) | 800 20 preset | 27.5VDC | TM 11-5821 -244-series | Air-to-ground commun- ication. 50KHz spacing. Replaces AN/ARC-44. Compatible with first 800 chan- nels of AN/PRC-77 & AN/VRC-12 series. |
| AN/ARC-73 | T-879/ARC-73 R-1123/ARC-73 | T-116.0 - 149.95 R-116.0 - 151.95 | AM voice | (note 1) | T: 680 R: 720 | 27.5VDC | TM 11-5821 -217-series | General purpose air- to-air and air-to- ground communications. Replaces AN/ART-34 and AN/ART-35. |
| AN/ARC-102 | RT-698/ARC-102 | 2.0 - 29.999 | AM voice CW, FSK, NSK, SSB | (note 1) | 28,000 | 27.5VDC | TM 11-5821 -248-series | KHz spacing. Compat- ible with GRC-106 and 108. Air-to-air and air-to-ground commun- ication. |
| AN/ARC-131 | RT-823/ARC-131 | 30 - 75.95 | FM voice | (note 1) | 920 | 28VDC | TM 11-5820 -670-12 | The ARC-54 (800 channels) and the ARC-131 which is fully compatible with the ground radios of the VRC-12 series (920 channels) are inter- changeable. |

Note 1: Range will vary considerably depending on terrain, atmospheric conditions, and the altitude of the aircraft.

Note 2: Refer to short and intermediate distance ground-wave and sky-wave propagation charts (TM 11-486-6).

Note 3: Refer to sky-wave propagation chart to determine medium range (TM 11-486-6).

Table I-5. Communication Security Equipment

| Equipment | Description | Reference manual | Remarks |
|--|--|-------------------|--|
| TSEC/KY-8 Speech Security Equipment | Used with FM radio equipment. (Not used with AN/PRC-77.) | TM 11-5820-224-10 | |
| TSEC/KY-28 Speech Security Equipment | Used with FM radio equipment mounted in aircraft. | TM 11-5820-245-10 | |
| TSEC/KY-38 Speech Security Equipment | Used with FM radio equipment in certain configurations. | TM 11-5820-247-10 | |
| HVL-3/TSEC (Digital Data Regenerative Repeater) | A portable, tactical, regenerative repeater used in place of radio set control C-2299/VRC on or with radio set AN/VRC-49 to provide automatic retransmission of speech secured messages. | | |
| TSEC/KM-7 (Electronic Tactical Teletypewriter Security Equipment) | An on-line, electronic, portable, synchronous, half-duplex, teletypewriter security equipment used for securing tactical point-to-point or netted communications. | | Requires 21-31 volts DC or 115/230 volts AC for operation. |

Table I-6. Remote Control Devices

| Equipment | Purpose and Description | Distance limitation | Power requirement | Reference manual |
|-------------------------------|---|--------------------------------------|--|-------------------------|
| Radio Set Control AN/GRA-6 | Can be used to perform the following functions: 1. Controlling and operating old FM sets from a distance. 2. Controlling SSB radio sets and voice portion of SSB radio teletypewriter equipment. 3. Two-way telephone communication between remote and local operators. 4. Local control of radio sets. | Approximately 3 km with WD-1/TT wire | 4 BA-30 1 BA-414/U | TM 11-5038 |
| Radio Set Control AN/GRA-39 | A transistorized battery operated, remote control system providing duplex telephone operation and two-way signaling for the operation of the AN/VRC-12 and AN/PRC-77 series of FM radio sets from a remote location. Built-in loudspeaker and audio power amplifier. | Approximately 3 km with WD-1/TT wire | 6 BA-30 for each unit | TM 11-5820-477-12 |
| Radio Set Control OA-1754/GRC | Radio set control group OA-1754/GRC is designed to permit remote CW operation of the Radio Set AN/GRC-19 and remote CW and FSK (teletype) operation of the radio teletypewriter sets AN/GRC-46 and AN/VRC-29. This device is used in conjunction with control group AN/GRA-6. The OA-1754/GRC consists of a local unit and a remote unit. | 1.6 km | Furnished by set to which this equipment is connected. | TM 11-5820-389-12P, C-1 |

Table I-7. Switchboards

| Equipment | Number of lines accommodated | Types of operation | Power requirements | Major components | Reference manual | Remarks |
|------------------------|---------------------------------|---|------------------------|---|--------------------------|--|
| SB-993/GT | 6 | Manual local battery. | None | 1 MT-2156/GT 7 U-184/GCT | TM 11-5805 -2 4-15 | Emergency switching center, uses visual signaling. |
| SB-22/PT and SB-22A/PT | 12 | A portable, local battery, monocoord switchboard capable of connecting 12 local battery telephone circuits, remote controlled radio circuits or voice frequency teletypewriter circuits. Uses magneto signaling. | 4 BA-30 | 1 SB-22/PT 1 MX-230/PT (3 spare line packs) (MX-2915/PT for SB-22A) | TM 11-5805 -262-12 | SB-22A differs from SB-22 in contents of accessory kit. The kit for SB-22A (MX-2915/PT) contains 2 line packs and 1 trunk pack. By stacking 2 or 3 SB-22 switchboards, the number of circuits can be increased to 29 or 46 respectively. |
| SB-86/P | 30, including 2 civilian trunks | A complete, transportable, single position, nonmultiple, local battery tactical switching control capable of terminating 30 magneto or common battery signaling lines or trunks, two of which may be automatic one-way ring-down trunks to civilian exchanges. Can be used for voice frequency teletypewriter circuits. Includes a switchboard section, Jack Field Switchboard Signal Assembly TA-207/P, and power supply PP-990/G. | 4 BA-30 10 BA-200/U | 1 SB-248/P 1 TA-207/P 1 PP-990/G | TM 11-2134 TM 11-4134 | Expansible to 60 lines with the addition of switchboard signal assembly TA-207/P. Cannot be used directly for radio/wire integration. For this purpose a switchboard, SB-22 is used in conjunction with the SB-86. |

Table I-7. Switchboards (cont)

| Equipment | Number of lines accommodated | Types of operation | Power requirements | Major components | Reference manual | Remarks |
|--|---|------------------------------------|--------------------------------|--|------------------|---|
| SB-223/GR (Switchboard Signal Assembly) | 12 microphone lines, 6 recorder channels, 4 telephone lines | Manual, no ringing on switchboard. | BB-53 or other source of 12VDC | SB-223/GR | TM 11-2149 | Used by sound ranging platoon of target acquisition battery. Connects 2 soundbases to sound ranging set GR-8. |
| MK-155/GT Telephone Connecting and Switching Group | Total of 10 (1 circuit of 2 1 circuit of 8) | Manual | None | 1 jack panel SB-16/GT 7 Reel brackets 7 jacks U-17/GT 15 cords CX-231/GT | TM 11-2546 | Provides conference telephone circuits among battery XO, assistant XO and 6 howitzer or gun sections. |

Table I-8. Teletypewriter Equipment

| Equipment | Purpose and description | Reference manual | Remarks |
|------------------------------------|---|------------------------------|--|
| TT-4()/TG Teletypewriter | This teletypewriter is used to transmit teletypewriter messages in the form of direct current teletypewriter signals and to convert received direct current signals into messages, printed on a roll of recording paper (one-, two-, or three-ply). | TM 11-5815-206-12 | Used in tactical military communication systems. |
| AN/PGC-1 | The AN/PGC-1 is a lightweight, transportable unit. It consists of teletypewriter TT-4()/TG, connecting cables, and a bag of spare parts. | TM 11-5815-206-12 | Same as TT-4()/TG. In a typical voice frequency system, telegraph terminal TH-5/TG or TH-22/TG must be used at both ends. |
| TT-335/TG | This teletypewriter is the same as the TT-4()/TG, except that in the TT-4()/TG, 105 to 125 volts DC or AC (50-60 Hertz) single-phase power is required whereas the TT-335/TG is powered for 108 to 132 volts, 396 to 404 Hertz, single-phase synchronous power. | TM 11-5815-206-12 | Used in the Pershing battalion in each AN/TRC-80 terminal set. |
| TT-537/G | In a typical FADAC system, low-voltage signals from the computer are applied to the receiver circuits of the teletypewriter TT-537/G where they are amplified to the level required to operate the selector magnet in the teletypewriter receiver mechanism. The motor of this teletypewriter is designed for operation with 108- to 132-volt, 396- to 404-Hertz alternating current. | TM 11-5815-206-12 (Change 8) | Used as a printout in conjunction with FADAC. Replacement for teletypewriter TGC-14 now shown on some TOE's. |
| TT-76/GGC Reperforator-Transmitter | The TT-76/GGC is a lightweight, transportable teletypewriter that may be used to send and receive over direct current wire lines, carrier or radio systems in association with telegraph terminal TH-5/TG or TH-22/TG. Messages are printed and perforated on a paper tape. The TT-76/GGC provides facilities for manual transmission direct from the keyboard and for tape transmission from the transmitter-distributor and operates on 115 or 230 VAC. | TM 11-5815-238-12 | Used in fixed or tactical military teletypewriter stations. |
| AN/GGC-3 | The AN/GGC-3 consists of a reperforator-transmitter TT-76()/GGC, a table FN-52/GGC, and a case CY-1110/GGC. | TM 11-5815-238-12 | Used in fixed or tactical military teletypewriter stations. |

Table I-9. Reeling Equipment

| Equipment | Purpose and description | Reference manual | Remarks |
|---|--|--------------------|---|
| RL-27 D Axle, cable reel | An 8-pound machined steel-bar, 2 1/2-ft long with 2 knurled handles. Is used to recover and lay short wire circuits by hand. | TM 11-3895-201-13P | |
| RL-31() reeling machine, cable, hand | A rugged, lightweight portable unit for laying and recovering telephone cable, with cable reel RL-159 (1-mile capacity). | TM 11-362 | Can be mounted in a vehicle or handcarried. |
| RL-39 reeling machine, cable, hand | Reeling machine, cable, hand, RL-39, is used with cable reel DR-8 (1/4-mile capacity). | | |
| RL-172/G reeling machine, cable, motor driven | RL-172/G is a transportable wire-laying and recovering machine that can be mounted on a motor vehicle. The reeling machine is normally mounted vertically on the tailgate of a truck. May also be operated horizontally from the bed of a truck. | TM 11-3895-207-10 | Vehicle battery provides the power to operate the 24-volt, direct current motor of the machine. Also has handle for manual operation. |
| RL-207/G reeling machine, cable, engine driven | RL-207/G is a two cylinder gasoline engine driven reel unit mounted in a 3/4-ton truck or larger vehicle to pay out or recover telephone cable or spiral-4 cable. | TM 11-3895-209-12 | The machine has 2 axles, each axle will accommodate 2 RL-159, 1 DR-5 or 1 DR-15 reel. |

TABLE II SERIES

CHARACTERISTICS, WEAPONS/ILLUMINATION MEANS

- II-1. Cannons
 - A - light/medium
 - B - heavy
- II-2. Missiles
- II-3. Individual and Crew-Served Weapons
- II-4. Mines
- II-5. Illumination Means

Table II-1A. Cannons, Light and Medium

| CHARACTERISTICS | 105-mm M101A1 (Towed) | 105-mm M102 (Towed) | 155-mm M114A1/M114A2 (Towed) | 155-mm M198 (Towed) | 155-mm M109 (SP) | 155-mm M109A1 (SP) |
|---------------------------|--|---------------------------------|------------------------------------|---|-------------------------------------|---|
| Maximum range (meters) | 11,000 | 11,500 | 14,600 **(19,400 w/RAP) | 24,000 or 30,000 w/RAP | 14,600 or 19,400 w/RAP | 18,100 or 24,000 w/RAP (M119 Chg) |
| Weight (firing position) | 4,980 | 3,170 | 12,700 | 15,500 | 52,461 | 53,940 |
| Air Transportability | Phase I | Phase I | Phase I | Phase I | Phase III | Phase III |
| Traverse limits (mils) | 409 (R) 400 (L) | 6,400 | 448 (R) 418 (L) | 400 (R) or 400 (L) but has a 6400 mil speed traverse plat- form | 6,400 | 6,400 |
| Elevation limits (mils) | -89 to +1,156 | -89 to +1,333 | 0 to +1,156 | -89 to +1,278 | -53 to +1,333 | -53 to +1,333 |
| Sustained rate of fire | 3 | 3 | 1 | 1 (or as indi- cated by Thermal warning device) | 1 | Charge 1-7:1 rd; charge 8:1 rd per min for first 60 min, and 1 rd per 3 min thereafter |
| Water crossing capability | Floatable | Floatable | Fordable (30 in) | Fordable | Amph (w/kit) Fordable (42 in) | Amph (w/kit) Fordable (42 in) |
| *Time to emplace (min) | 3 | 3 | 5 | TBD | 1 | 1 |
| Prime mover | 2½-ton trk, CH-47C, 1½-ton trk (abn div) | 1½-ton trk CH-47C | 5-ton trk CH-47C | 5-ton trk CH-47C | SP | SP |
| Reference manuals | FM 6-75 TM 9-1015-203- 12 | FM 6-70 TM 9-1015-234- 12 | FM 6-81 TM 9-1025-200-12 | TM 9-1025-211-10 | FM 6-88 TM 9-2350-217- 10N | FM 6-88 TM 9-2350-217- 10N |

*Time shown IAW ARTEP.

**19,400 meter range for the M114A2 (not the M114A1).

Table II-1B. Cannons, Heavy

| CHARACTERISTICS | 175-mm M107 (SP) | 8-inch M110 (SP) | 8-inch M110A1 (SP) | 8-inch M115 (Towed) |
|-------------------------------------|-----------------------------|-----------------------------|------------------------------------|--------------------------------------|
| Maximum range (meters) | 32,800 | 16,800 | 20,700 (w/chg 8 & M106 projectile) | 16,800 |
| Travel weight (lb) | 62,100 | 58,500 | 62,100 | 29,700 w/o limber 32,000 w/limber |
| Air transportability | Phase III | Phase III | Phase III | Phase III |
| Traverse limits (mils) | 533 (R) 533 (L) | 533 (R) 533 (L) | 533 (R) 533 (L) | 533 (R) 533 (L) |
| Elevation limits (mils) | +35 to +1,156 | +35 to +1,156 | +35 to +1,156 | +35 to +1,156 |
| Sustained rate of fire (rd per min) | 0.5 | 0.5 | 0.5 | 0.5 |
| Water crossing capability | Fordable (42 in) | Fordable (42 in) | Fordable (42 in) | Fordable (30 in) |
| *Time to emplace (min) | 3 | 2 | 2 | 20 |
| Prime mover | SP | SP | SP | 10-ton trk |
| Reference manuals | FM 6-94 TM 9-2300-216-10 | FM 6-94 TM 0-2300-216-10 | FM 6-94 TM 9-2300-216-10 | FM 6-90 TM 9-3004 TM 9-1350 |

*Time shown is IAW ARTEP.

Table II-2. Missiles

| CHARACTERISTICS | WEAPON | |
|---------------------------------------|---|--|
| | PERSHING 1A | LANCE |
| Minimum and maximum range (approx km) | 185-740 | 15-110 |
| Fording capability (inches) | 40 | Amphibious |
| Guidance | Inertial | Modified inertial |
| Propulsion | Solid propellant | Storable prepackaged liquids |
| Mobility | Air--phase II, Veh--100 percent, helicopter | Air--phase I, Veh--100 percent |
| Prime mover | M757 (5-ton, 8x8) | M752 SP launcher |
| Field of fire (mils) | 158 (R) - 158 (L) | 400 (R) - 400 (L) |
| Launch elevation | +1,600 mils | 48° and 54° |
| Length of missile (meters) | 10.39 | 6.17 |
| Diameter (millimeters) | 1,016 | 559 |
| Missile weight (lb) | 10,275 | 2,900 |
| Reference manuals | FM 6-39 TM 9-1410-380-series | TT 6-42 FM 6-36 TM 9-1410-380-series |

Table II-3. Individual and Crew-Served Weapons

| WEAPON | TYPE FEED | SUSTAINED RATE OF FIRE (rd/min) | MAX RANGE (meters)* | MAX EFF RANGE (meters) | REMARKS |
|---|----------------------------------|------------------------------------|-----------------------------|---------------------------|---|
| Hand grenades | | | | | |
| Pistol, cal 45, M1911A1 | 7-rd mag | | M26A2-40 M34-35 1,500 | 50 | May be fired as rifle grenades with M1A2 projection adapter. |
| Revolver, cal 38 | Cyl loaded | | | 50 | |
| Submachinegun, cal 45, M3A1 | 30-rd mag | | 1,550 | 90 | |
| US carbine, cal 30, M2** | 30-rd mag | 40-60 | 2,025 | 250 | Replaced by M14 rifle. |
| US rifle, 7.62-mm, M14 | 20-rd mag | Semiautomatic, 15 Automatic, 20 | 3,725 | 460 | |
| US rifle, 5.56-mm, M16A1 | 20-rd mag | 12-15 | 2,653 | 460 | |
| US rifle, cal 30, M1** | 8-rd clip | 8-10 | 3,200 | 460 | Replaced by M14 rifle. |
| US rifle, cal 30, M1, w/rifle grenade launcher M7A3, HEAT rifle grenade M31 and sight M15** | Manual | 4 | 275 | 115 | Complete round weighs approximately 1.5 lb. |
| Browning auto rifle, cal 30, M1918A2** | 20-rd mag | 40-60 | 2,750-3,200 | 460 | Replaced by M14 rifle/ bipod. |
| Machinegun, 7.62-mm, M60 | Belt, metallic, split link | 100 | 3,725 | 1,100 | Maximum effective range limited by gunner's ability to see and adjust on target. |
| Browning machinegun, cal 30, M1919A6** | Belt, metallic, slit link | 75 | 3,200 | 1,100 | Maximum effective range limited by gunner's ability to see and adjust on target. |

Table II-3. Individual and Crew-Served Weapons (cont)

| WEAPON | TYPE FEED | SUSTAINED RATE OF FIRE (rd/min) | MAX RANGE (meters)* | MAX EFF RANGE (meters) | REMARKS |
|--|---|------------------------------------|----------------------------------|---|---|
| Machin-gun, cal 50, hv bbl, M2 | Belt, metallic, slit link | 40 | 6,800 | Ground targets-- 1,825 Antiaircraft targets--725 | |
| Portable flame- thrower, M2A1-7 | Fuel- propelled by gas under pressure | Continuous disch 6-9 sec | Unthickened--20 Thickened--45 | Same as maximum range | Contains 4.5 to 4.75 gallons of fuel. |
| M4 incendiary burst | | | | | May be used in any size container. Can be fired electrically or mechani- cally by fuze, blasting cap, or any standard firing device. |
| Grenade launcher, 40-mm, M79 | Breech loading | | 400 | Point targets--150 Area targets--350 | Minimum safe ranges: Combat, 31 meters Training, 80 meters |
| Grenade launcher, 40-mm, M203 | Breech loading | | 420 | Same as above | Same as above |
| 81-mm mortar M29 | Muzzle loading | 8 | 4,595 | 4,595 | Ammo weighs 7-11 lb depending on type. |
| 4.2-inch mortar M30 | Muzzle loading | 3 | 5,650 | 5,650 | Ammo weighs 25-29 lb depending on type. |
| 3.5-inch rocket launcher, M20A1B1** | | 4 | 825 | Stationary targets--275 Moving targets-- 185 | |
| LAW, 66-mm, M72 | | 1 | 2,100 | 400 | |

*Maximum range to which projectile could travel.

**Weapon may be in use by MAAG nations.

Table II-4. Mines

| MINE | USE | PRESSURE(LB) TO DETONATE | WEIGHT | REMARKS |
|-----------------------------------|------------|-----------------------------|---------|---|
| M14, antipersonnel | Blast | 20 to 35 | 3.5 oz | Pressure plate slightly above ground. |
| M15, hv metallic antitank | Blast | 300-400 | 30 lb | Pressure plate at (or slightly above) ground level. |
| M16-series bounding antipersonnel | Proj steel | 8-20 | 8.25 lb | Casualty radius 27 meters. Bounds into air and explodes at height of 2.4 feet. |
| M18A1, frag antipersonnel | Proj steel | Controlled firing | 3.5 lb | Friendly troops to sides and rear should be a minimum distance of 100 meters. |
| M19, plastic hv antitank | Blast | 350-500 | 28 lb | Pressure plate at (or slightly above) ground level. |
| M21, metallic antitank | Blast | 290 or by tilt rod | 18 lb | Pressure cap flush with ground. Tilt rod is used when the mine is employed in brush and weeds. |
| M23 & M1 chemical mines | Chemical | | 11 lb | May be armed for electric or trip wire actuation. |
| M25, antipersonnel | Blast | 17-22 | 3.5 oz | Will penetrate a boot and foot or a 12-ply tire and tube. |
| M49A1, trip flare | Illum | | | Has 50 to 75 second surface burning period and illuminates area within radius of 300 meters (approx). Wire initiated. |

Table II-5. Illumination Means

FA AND MORTAR FLARES

| TYPE | RANGE (meters) | RATE OF FALL (meters per sec) | ILLUM TIME (sec) | CONTINUOUS ILLUM (rd per min) | DIAMETER OF ILLUM AREA* (meters) | CANDLE POWER |
|-----------------------------|-------------------|----------------------------------|---------------------|----------------------------------|-------------------------------------|--------------|
| 81-mm/M301A3 | 3,300 | 3.7 | 75 | 2 | 1,100 | 500,000 |
| 4.2-inch/M335A2 | 5,500 | 3.7 | 90 | 2 | 1,500 | 850,000 |
| 105-mm/M314A2 and M314A3 | 8,500 | 10.7 10.7 | 60 70-75 | 2 | 1,000 | 600,000 |
| 155-mm/M118 | 11,600 | 35 | 60 | 2 | 1,000 | 500,000 |
| 155-mm/M485A2 | 14,000 | 14.6 | 120+ | 1 | 2,000 | 1,000,000 |

AIRCRAFT FLARES

| TYPE | RATE OF FALL (ft per sec) | ILLUM TIME (sec) | CONTINUOUS ILLUM (flares per hr) | DIAMETER OF ILLUM AREA* (meters) | CANDLE POWER |
|-------|------------------------------|---------------------|-------------------------------------|-------------------------------------|-------------------|
| MK 45 | 7.5 | 180-210 | 20 | 1,500 | Less than 210,000 |
| M8A1 | 8.0 | 165-195 | 27 | 1,400 | Less than 195,000 |
| M24 | 7.5 | 150-180 | 40 | 1,500 | Less than 180,000 |

XENON SEARCHLIGHTS

| TYPE | USABLE RANGES (meters) | | | CANDLEPOWER | LIMITATIONS |
|----------|------------------------|--------------|-------|--------------------------|-----------------|
| | VISIBLE ILLUM | IR ILLUM | | | |
| | SPREAD BEAM | FOCUSED BEAM | | | |
| 23-inch | 4,000 | 5,000 | 500 | 75 million | Fog/smoke/Noisy |
| 30-inch. | 10,000 | 15,000 | 7,500 | 400 million to 1 billion | Fog/smoke/Noisy |

*Subject to ideal conditions.

TABLE III SERIES

SOVIET-PRODUCED WEAPONS AND EQUIPMENT

- III-1. Rockets and Field Artillery
- III-2. Tanks
- III-3. Antitank Guided Missiles
- III-4. Air Defense Weapons
- III-5. Surface-to-Air Guided Missiles
- III-6. Motorized Transporters
- III-7. Small Arms and Recoilless Weapons

Table III-1. Rockets and Field Artillery

| Caliber | Model | Maximum range (meters) | Maximum rate of fire (rd per min) | Weight of projectile (lb) | Crew | Traverse (degrees) |
|---------------------|----------|---------------------------|--------------------------------------|------------------------------|--------|-----------------------|
| 122-mm howitzer | D-30 | 15,300 | 6-8 | 48 | 7 | 360 |
| 152-mm gun/howitzer | D-20 | 18,500 | 3-4 | 96 | 10 | 58 |
| 152 howitzer | D-1 | 12,400 | 3-4 | 90 | 7 | 35 |
| 130-mm gun | M-46 | 27,000 | 5-6 | 74 | 9 | 50 |
| 100-mm AT gun | T-12 | 3,000 (dir) | 10 | 21 | 6 | 54 |
| 122-mm MRL | BM-21 | 20,500 | 40 | 140 | 6 | 240 |
| FROG 7* | (549-mm) | 60,000 70,000 | 4/bn | 1,000 + (warhead) | 4/1chr | --- |
| 120-mm mortar | M-1943 | 5,700 | 15 | 35 | 6 | 8 |
| 180-mm field gun | S-23 | 30,000+ | Less than 1 | -- | -- | --- |

*Conventional, nuclear, or chemical warhead.

III-2

Table III-2. Tanks

| VEHICLE | | | | | ARMAMENT | | | |
|---------|------------------|------------------|-------|------|------------------------|--------------------|--------------------------------|-----------------------------|
| Model | Weight (tons) | Height (feet) | Speed | Crew | Main gun | Eff Rn (meters) | Basic load (Rds) (main gun) | Secondary |
| T54 | 40 | 7.8 | 30 | 4 | 100-mm | 1,500 | 34 | 12.7-mm AA mg 7.62-mm mg |
| T55 | 40 | 7.7 | 30 | 4 | 100-mm | 1,500 | 43 | --- 7.62-mm mg |
| T62A | 40.2 | 7.9 | 30 | 4 | 115-mm (smoothbore) | 1500-1800 | 40 | 12.7-mm AA mg 7.62-mm mg |
| PT76 | 14 | 7.1 | 28 | 3 | 76-mm | 1,000 | 40 | --- 7.62-mm mg |
| ASU85 | 15.4 | 6.8 | 27 | 4 | 85-mm | 1000-1500 | 40 | --- 7.62-mm mg |

Table III-3. Antitank Guided Missiles

| Vehicle | | | | Missile | | | | |
|--------------|-------|----------|-------------|---------|----------------|--------------|---------------------|------------------|
| Model | Type | Mobility | Speed (mph) | Crew | Range (meters) | Fire Control | Number of launchers | Basic load (rds) |
| AT-2 SWATTER | BRDM | Wheel | 50 | 2 | 500-3,000 | Radio-guided | 4 | ---- |
| AT-3 SAGGER | BRDM | Wheel | 50 | 2 | 500-3,000 | Wire-guided | 6 | 14 |
| | BMP | Track | 33 | 3 | | | 1 | 5 |
| | Truck | Manpack | -- | 2 | | | 2 (per team) | 2-4 |

Table III-4. Air Defense Weapons

| Caliber | Model | Maximum vertical range (meters) | Maximum rate of fire (rd per min) | Crew | Traverse (degrees) | Basic load (rds) |
|---------|----------|---------------------------------|-----------------------------------|------|--------------------|------------------|
| 23-mm | ZU-23 | 2,500 (optical) | 800-1,000 | 5 | 360 | 3,600 |
| 23-mm | ZSU 23-4 | 3,000 radar | 4,000 | 4 | 360 | 2,000 |
| 57-mm | S-60 | 6,000 radar 4,000 optical | 105-120 | 7 | 360 | 2,000 |

Table III-5. Surface-to-Air Guided Missiles

| Missile | Name | Slant range | Level of protection |
|---------|-----------|-------------|--------------------------------|
| SA-2 | GUIDELINE | 20 Mi | High altitude |
| SA-3 | GOA | 17 Mi | Low altitude |
| SA-4 | GANEF | 70 Mi | Medium-high altitude |
| SA-6 | GAINFUL | 30-35 Km | Low-medium altitude |
| SA-7 | GRAIL | 3-5 Km | (Firing similar to Redeye) |
| SA-8 | GECKO | 10-15 Km | Low-medium altitude |
| SA-9 | GASKIN | 7 Km | (Firing similar to Chapparral) |

Table III-6. Motorized Transporters

| Vehicle | | | | Armament | | |
|-----------|----------|-------------|------|------------|------------------------|---------------------------|
| Model | Mobility | Speed (mph) | Crew | Passengers | Main | Supplemental |
| BMP | Track | 33 | 3 | 8 | 73-mm gun (smoothbore) | 7.62-mm mg AT-3 SAGGER |
| BTR 60 PB | Wheel | 48 | 3 | 8 | 14.5-mm mg | 7.62-mm mg --- |
| BTR 50 PK | Track | 27 | 2 | 20 | 7.62-mm, mg | --- |

Table III-7. Small Arms and Recoilless Weapons

| Caliber | Model | Effective range (meters) | Loaded weight (lb) | Rate of fire cyclic/practical | Feed | Penetration (inches) |
|---------------------|-------------|--------------------------|--------------------|-------------------------------|--------------------------------|----------------------|
| 9-mm machine pistol | APS | 50 | 2.7 | 750/60 | 20-rd mag | |
| 7.62-mm rifle | AKM | 400 | 8.3 | 650/40-100 | 30-rd mag | |
| 7.62-mm LMG | RPK (bipod) | 800 | 15.7 (w/drum) | 600/50-150 | 75-rd drum, 40-rd box, AKM mag | |
| 7.62-mm LMG | PKM | 1,000 | 19.8 | 650/250 | 100-, 200-, 250-rd link belt | |
| 40-mm AT launcher | RPG-7V | 300-500 | 20.9 | 4-6 | | 13-14 |
| 73-mm rc1 gun | SPG-9 | 1,000 | 105 | --- | | 16 |

TABLE IV SERIES

AMMUNITION

- IV-1. FA Cannon
- IV-2. Single-Burst Lethalities Against Personnel Targets (HE Ammo)
- IV-3. Sheafs for FA units

Table IV-1. FA Cannon and 115-mm Rockets

| WEAPON | TYPE AMMO | ITEM DESCRIPTION | WT OF FUZED PROJ (Note 2) | WT OF COM- PLETE ROUND (Note 2) | HOW SHIPPED | FUZE (See note 1) | | VT |
|--|---|---|---------------------------------|---------------------------------------|----------------|-----------------------------|---|----------------------------------|
| | | | | | | IMPACT | TIME | |
| 105-mm Howitzer M101A1, or M102 | HE | Cartridge, HE, M1 | 33.00 | 42.00 | Unfuzed | CP M78, M557, or M739 | M564, M582 | M513 series, M728 or M732 |
| | HE, ICM | Cartridge, M444 ICM w/18 grenades | 33.00 | 42.00 | Fuzed | | M565 modified | |
| | Anti-personnel | Cartridge, anti-personnel, M546, Beehive | 28.50 | 38.25 | Fuzed | | M563 series MA/MT, (note 3) | |
| | Smoke, HC | Cartridge smoke, HC, BE, M84 series | 32.80 | 41.80 | Fuzed | | M501A1 old series-- M565 new series-- | |
| | Smoke, WP | Cartridge, smoke, WP, M60 | 34.80 | 43.80 | Fuzed | M557 or M739 | M564 | |
| | Colored smoke | Cartridge, smoke, BE, M34 series: red, green, and yellow | Approx 30.50 | Approx 39.50 | Fuzed | | M501A1 old series-- M565 new series-- | |
| | Illuminating | Cartridge, illuminating, M314 series | 34.90 | 43.90 | Fuzed | | M501A1 old series-- M565 new series-- | |
| | Gas | Cartridge, gas, persistent, M60, H, or HD | 33.00 | 42.00 | Fuzed | M557 or M739 | | |
| | Gas | Cartridge, gas, non-persistent, GB, M360 | 34.80 | 43.80 | Fuzed | M508 | | |
| | Blank | Cartridge, blank, M395 | None | 5.24 | Complete | None | None | None |
| 155-mm Howitzers, M114A1, M109, M109A1 | Dummy | Cartridge, dummy, M14 | 33.06 | 42.06 | Complete | M59 inert | M54 inert | |
| | HE | Projectile, HE, M107 | 95.00 | 109.00 | Unfuzed | CP M78, M557, or M739 | M564 or M582 | M514 series, M728, or M732 |
| | HE, ICM, Anti- personnel | Projectile, ICM, M449 series, 60 grenades | 95.00 | 109.00 | Unfuzed | | M565 or M577 | |
| | HE, ICM, Anti- personnel, anti- materiel (not for the M114A1 Howitzers) | Projectile, ICM, M483 series, 88 grenades. This projectile can be fired in a fire-for-effect mode (grenades are ejected from rear), or in the registration mode (projectile explodes). | 103.5 | 117.50 | Unfuzed | | M577 in FFE mode, M577 w/projectile spotting charge in registration mode. | |
| | HE, RA, (not for M114A1 Howitzers) | Projectile, HERA, M549 (Note 5) | 96.00 | 110.00 | Unfuzed | M557 or M739 | M564 w/o rocket motor only | M728 or M732 |
| | HE, Anti- personnel mines (not for M114A1 Howitzers) | Projectile, FASCAM, M692 and M731 | 103.50 | 117.50 | Unfuzed | | M577 | |
| | Smoke, HC | Projectile, smoke, HC, BE, M116 series | 95.0 | 109.00 | Unfuzed | | M501A1 old series, M565 new series | |
| | Smoke, colored | Projectile, smoke (red, yellow, green), BE, M116 series | 80.40 | 104.40 | Unfuzed | | M501A1 only | |
| | Smoke, WP | Projectile, smoke, SP M110 series | 96.10 | 110.10 | Unfuzed | M557 or M739 | M564 or M582 | |
| | Illuminating | Projectile, illuminating, M118 series | 100.00 | 114.00 | Unfuzed | | M501A1 only | |
| 155-mm Howitzers, M114A1, M109, M109A1 | Illuminating | Projectile, illuminating, M485 series | 93.70 | 107.70 | Unfuzed | | M565 or M577 | |
| | Gas | Projectile, gas, non-persistent, GB, or persistent, VX, M121A1 | 97.20 | 111.20 | Unfuzed | M577 or M739 | | M514 series, M728, or M732 |
| | Gas | Projectile, gas, persistent, H or HD, M110 | 95.00 | 109.00 | Unfuzed | M577 or | M564 or M582 | |
| | Nuclear | Projectile, Atomic, XM454 | 120.45 | 136.70 | Unfuzed | | XM32E1 | T361E2 |
| | Dummy | Projectile, Dummy, M7 | 95.00 | 102.40 | Complete | | | |
| | HE | Projectile, HE, M106 | 200.00 | 230.00 | Unfuzed | CP M78, M557 or M739 | M564 or M582 | M514 series, M728, or M732 |
| 9-inch Howitzers, M110, M110A1 | HE, ICM, Anti- personnel | Projectile, M404, ICM, 104 grenades | 200.00 | 230.00 | Unfuzed | | M565 or M577 | |
| | HE, ICM, Anti- personnel, anti- materiel | Projectile, ICM, M509, 195 grenades. This projectile can be fired in a fire-for-effect mode (grenades are ejected from rear), or in the registration mode (projectile explodes). | 206.50 | 236.50 | Unfuzed | | M577 w/FFE cup, or M577 w/pro- jectile spotting charge in registra- tion mode | |
| | Gas | Projectile, gas, non-persistent, GB, or persistent, VX, M420 | 199.00 | 229.00 | Unfuzed | M557 or M739 | | M514 series, or M732 |
| | HE, Spotting | Projectile, HE, Spotting M424 | 242.00 | 272.00 | Unfuzed | | M591 | |
| | Nuclear | Projectile, Atomic, M422 | 242.00 | 272.00 | Unfuzed | | M542 | |
| | Dummy | Projectile, dummy, M14 | 200.00 | 228.75 | Complete | | | |
| 175-mm gun, M107 | HE | Projectile, HE, M437 | 147.00 | 205.00 M44A2 | Unfuzed | M572 or M739 | M582 | M514A1, M728 or M732 |
| | Dummy | Projectile, dummy, M458 | 147.00 | 202.00 M98 | Unfuzed | | | |
| 115-mm Rocket | Multiple | Chemical rocket M55 | 58.00 | 58.00 (note 4) | Complete | M417 | | |
| | | | 74.00 | 74.00 | | | | |

Notes:

- These are the latest model fuzes. Other authorized fuzes are listed in TM 9-1300-203, TM 9-1300-203-4, and the appropriate firing tables.
- Weights of the fuzed projectile and complete round is approximate with maximum standard charge.
- MA/MT is the abbreviation for Muzzle Action, Mechanical Time.
- With shipping and firing container.
- Pending type classification for the M109A1 Howitzer and XM 201 charge.

Table IV-2. Approximate Radius of Lethality (in Meters)* Against Personnel Targets (HE Ammo)

| WEAPON | TARGET POSTURE | | |
|--------------------------|----------------|-------|--------------------------|
| | DUG-IN | PRONE | HALF PRONE-HALF STANDING |
| <u>Army Weapons</u> | | | |
| 105-mm howitzer | 25 | 50 | 100 |
| 155-mm howitzer | 50 | 100 | 200 |
| 8-inch howitzer | 100 | 200 | 300 |
| 175-mm gun | 50 | 200 | 400 |
| 81-mm mortar | 20 | 30 | 50 |
| 4.2-inch mortar | 25 | 50 | 100 |
| <u>Navy Weapons</u> | | | |
| 5-inch gun | 25 | 50 | 100 |
| 6-inch gun | 50 | 100 | 150 |
| 8-inch gun | 100 | 200 | 300 |
| 16-inch gun | 200 | 400 | 600 |
| <u>Air Force Weapons</u> | | | |
| 2.75-mm rockets | 50 | 100 | 200 |
| NapaIm | 400 | 500 | 700 |
| CBU | 300 | 400 | 500 |

*Distances shown are for unclassified training only. Precise data are available in joint munitions effects manuals (JMEM).

Table IV-3. Sheafs for Field Artillery Units (Meters)

| WEAPON | OPEN SHEAFS | | | | | |
|-------------------|-------------|--------------|-------------|-------------|--------------|-------------|
| | WIDTH | | | FRONT | | |
| | Two weapons | Four weapons | Six weapons | Two weapons | Four weapons | Six weapons |
| 105-mm howitzer* | 30 | 90 | 150 | 60 | 120 | 180 |
| 155-mm howitzer** | 50 | 150 | 250 | 100 | 200 | 300 |
| 175-mm gun | 95 | 285 | NA | 190 | 380 | NA |
| 8-inch howitzer | 80 | 240 | NA | 160 | 320 | NA |

*Width of final protective fire (FPF) for a 105-mm howitzer is 200 meters. Depth is burst radius of projectile.

**Width of final protective fire for a 155-mm howitzer is 300 meters. Depth is burst radius of projectile.

TABLE V SERIES

AIRCRAFT

V-1. Army Aircraft, Rotary Wing

V-1

Table V-1. Rotary Wing Aircraft

(Information was extracted from App F, FM 1-15 Aviation Reference Data, Sep 77)

| CHARACTERISTICS | OH-58A OBSVN (KIOWA) | UH-1H UTILITY (IHOQUOIS) | CH-47B CARGO (CHINOOK) | CH-47C CARGO (CHINOOK) | AH-1G ATK (COBRA) | AH-1Q ATK (COBRA) | AH-1S ATK (COBRA) |
|-------------------------------|----------------------------|--------------------------------|------------------------------|------------------------------|-------------------------|-------------------------|-------------------------|
| Crew (200 lb ea) | 2 | *1 | 3 | 3 | 2 | 2 | 2 |
| Max Allow Gross Wt (1b) | 3,000 | 9,500 | 40,000 | 46,500 | 9,500 | 9,500 | 10,000 |
| Basic Wt (Acft only) (1b) | 1,700 | 4,900 | 19,194 | 19,972 | 5,635 | 5,635 | 6,900 |
| Useful load (1b) | 1,300 | 4,100 | 20,806 | 26,228 | 3,865 | 3,865 | 3,100 |
| Internal fuel cap (1b/gal) | 475/73 | 1450/224 | 4036/621 | 7351/1,131 | 1605/247 | 1703/262 | 1703/262 |
| Max Recommended Ext Load (1b) | NA | 4,000 | 20,000 | 20,000 | NA | NA | NA |

NOTES: Other characteristics appear in appropriate operator's manuals.
*Crew varies.

TABLE VI SERIES
SURFACE VEHICLES

- VI-1. Wheeled Vehicles
VI-2. Tracked Vehicles and Self-Propelled Weapons

VI-1

Table VI-1. Wheeled Vehicles

| CHARACTERISTICS | TYPE OF VEHICLE | | | | | | | |
|---|---------------------------------------|--------------------------|---|---------------------------|----------------------------|-----------------------------|-----------------------------|------------------------|
| | 1/4-TON AMBL M718A1 | 3/4-TON AMBL M43B1 | 1 1/4-TON AMBL M792 | 3/4-TON CARGO M37B1 | 1 1/4-TON CARGO M561 | 2 1/2-TON CARGO M35A2 | 2 1/2-TON CARGO M36A2 | 5-TON CARGO M813 |
| Curb weight (lb)* | 2,780 | 7,150 | 7,300 | 5,917 | 7,300 | 13,420 | 15,340 | 22,126 |
| Payloads (lb) Cross-country | 2 litter + 2 seated or 3 litter | 4 litter or 6 seated | 3 litter attendants or 2 litter + 3 seated | 1,500 | 2,900 | 5,000 | 5,000 | 10,000 |
| Highway | | | | 2,000 | 2,900 | 10,000 | 10,000 | 20,000 |
| Maximum speed (mph) | 65 | 55 | 55 | 55 | 55 | 56 | 56 | 54 |
| Cruising range (mi) | 300 | 225 | 384 | 225 | 384 | 500 | 500 | 430 (approx) |
| Fuel capacity (gal) (a. Gasoline) (b. Diesel) (c. Multifuel) | 17(a) | 24(a) | 40(b) | 24(a) | 40(b) | 50(c) | 50(c) | 78(b) |
| Fording depth (inches) W/kit | 60 | 84 | Swim capability | 84 | Swim capability | 72 | 72 | 78 |
| W/O kit | 21 | 42 | Swim capability | 42 | Swim capability | 30 | 30 | 30 |
| Air transportability | ** | ** | ** | ** | ** | ** | ** | ** |
| Reference TM | 9-2320-218 | 9-8030 | 9-2320-242 | 9-8030 | 9-2320-242 | 9-2320-209 | 9-2320-209 | 9-2320-260 |

*Weight of empty vehicle without winch.

**Capable of airdrop/assault landing.

Table VI-1. Wheeled Vehicles (cont)

| CHARACTERISTICS | TYPE OF VEHICLE | | | |
|---|---|---|----------------------------|----------------------------|
| | 1 1/4-TON AMBL M886 | 1 1/4-TON AMBL M893 | 1 1/4-TON CARGO M880 | 1 1/4-TON CARGO M890 |
| Curb weight (lb)* | 6,116 | 5,684 | 4,648 | 4,217 |
| Payloads (lb) Cross-country Highway | 5 litter + 1 ambulatory or 6 ambulatory | 5 litter + 1 ambulatory or 6 ambulatory | 2,500 2,500 | 2,500 2,500 |
| Maximum Speed (mph) | | | | |
| Cruising range (mi) | 180 | 180 | 180 | 180 |
| Fuel capacity (gal) (a. Gasoline) (b. Diesel) (c. Multifuel) | 20(a) | 20(a) | 20(a) | 20(a) |
| Fording Depth (inches) W/kit W/O kit | NA 16 NA | NA 16 NA | NA 16 NA | NA 16 NA |
| Air transportability | ** | ** | ** | ** |
| Reference TM | 9-2320-266 | 9-2320-266 | 9-2320-266 | 9-2320-266 |

Table VI-1. Wheeled Vehicles (cont.)

| CHARACTERISTICS | TYPE OF VEHICLE | | | | | | | |
|---|--------------------------|------------------------|--------------------------|------------------------|--------------------------------|---------------------------|--------------------------------|--------------------------|
| | 5-TON CARGO M813A1 | 5-TON CARGO M814 | 5-TON CARGO M656 | 8-TON CARGO M520 | 2 1/2-TON FUEL TK M49A2C | 8-TON FUEL TRK M559 | 2 1/2-TON TRACTOR M275A2 | 5-TON TRACTOR M818 |
| Curb weight (lb)* | 21,479 | 24,909 | 15,330 | 24,690 | 14,140 | 28,350 | 11,790 | 20,290 |
| Payload (lb): Cross-country Highway | 10,000 20,000 | 10,000 20,000 | 10,000 10,000 | 16,000 16,000 | 5,000 7,850 | 17,500 17,500 | 7,000 12,000 | 15,000(z) 25,000(z) |
| Maximum speed (mph) | 54 | 54 | 50 | 31 | 56 | 31 | 56 | 54 |
| Cruising range (mi) | 430 (approx) | 400 (approx) | 300 | 300 | 500 | 300 | 500 | 600 (approx) |
| Fuel capacity (gal) (a. Gasoline) (b. Diesel) (c. Multifuel) | 78(b) | 78(b) | 80(c) | 110(b) | 50(c) | 110(b) | 50(c) | 110(b) |
| Fording depth (inches) w/kit w/o kit | 78 30 | 78 30 | Floatation capability | Swim capability | 72 40 | Swim capability | NA 30 | 78 30 |
| Air transportability | ** | ** | ** | ** | ** | ** | ** | ** |
| Reference TM | 9-2320- 260 | 9-2320- 260 | 9-2320- 230 | 9-2320- 233 | 9-2320- 209 | 9-2320- 233 | 9-2320- 209 | 9-2320- 260 |

*Weight of empty vehicle without winch

**Capable of airdrop/assault landing

***Capable of transport in heavy transport aircraft

(z) Indicates use of fifth wheel

Table VI-1. Wheeled Vehicles (cont.)

| CHARACTERISTICS | TYPE OF VEHICLE | | | | | | | | |
|---|---------------------------|------------------------------|-----------------------|----------------------|----------------------------|------------------------------|-----------------------------|--------------------------|---------------------------|
| | 5-TON TRACTOR XM757 | 1/4-TON UTILITY M151A2 | 5-TON VAN XM791 | 5-TON VAN M820 | 2 1/2-TON VAN M109A3 | 2 1/2-TON WRECKER M108 | 2 1/2-TON WRECKER M60 | 5-TON WRECKER M816 | 10-TON WRECKER M553 |
| Curb weight (lb) | NA | 2,400 | NA | 27,506 | 14,930 | 19,375 | 23,550 | 36,129 | 39,240 |
| Payload (lb): Cross-country Highway | 9,000(x) 9,000(x) | 800 1,200 | NA NA | 5,000 15,000 | 5,000 7,500 | NA NA | NA NA | 7,000(z) 12,000(z) | NA NA |
| Maximum speed (mph) | 50 | 65 | 50 | 54 | 56 | 60 | 60 | 54 | 31 |
| Cruising range (mi) | | 300 | NA | 430 (approx) | 500 | NA | NA | 750 (approx) | 300 |
| Fuel capacity (gal) (a. Gasoline) (b. Diesel) (c. Multifuel) | 160(c) | 17(a) | 80(c) | 78(b) | 50(c) | 50(a) | 50(a) | 133(b) | 110(b) |
| Fording depth (inches) w/kit w/o kit | NA 40 | 60 21 | NA 40 | 78 30 | 72 30 | 72 30 | 72 30 | 78 30 | Swim capability |
| Air transportability | *** | ** | *** | *** | *** | *** | *** | *** | *** |
| Reference TM | 9-2320- 230 | 9-2320- 218 | 9-2320- 230 | 9-2320- 260 | 9-2320- 209 | 9-2320- 209 | 9-2320- 209 | 9-2320- 260 | 9-2320- 233 |

*Weight of empty vehicle without winch

**Capable of airdrop/assault landing

***Capable of transport in heavy transport aircraft

(x) Indicates use of fifth wheel

(z) On crane

Table VI-2. Tracked Vehicles and Self-Propelled Weapons

| CHARACTERISTICS | TYPE OF VEHICLE | | | | | | | |
|---|----------------------|----------------------|----------------------|--------------------------|------------------------|------------------------------------|----------------------------------|--|
| | RECOVERY M88 | RECOVERY M578 | CARRIER CP M577A1 | CARRIER CARGO M548 | GUN 175-MM, M107 | HOWITZER 155-MM, M109/M109A1 | HOWITZER 155-MM, M109A2/A3 | HOWITZER 8-INCH, M110/M110A1 M110A2 |
| Curb weight (lb) | 110,000* | 54,000* | 23,550 | 15,180 | 62,100* | 52,461*/ 53,060* | 54,990* | 58,500*/ 62,100*/ 62,500* |
| Payload (lb) Cross-country Highway | 81,000** 81,000** | 60,000** 60,000** | 14,500** 14,500** | 12,000 12,000 | NA NA | NA/NA NA/NA | NA/NA NA/NA | NA/NA/NA NA/NA/NA |
| Maximum speed (mph) | 31 | 34 | 40 | 38 | 34 | 35/35 | 35/35 | 34/34/34 |
| Cruising range (mi) | 222 | 450 (approx) | 300 (approx) | 300 | 450 | 220/217 | 217/217 | 450/450/450 |
| Fuel capacity (gal) (a. Gasoline) (b. Diesel) (c. Multifuel) | 252(a) | 320(b) | 120(b) | 105(b) | 320(b) | 135(b)/ 135(b) | 135(b)/ 135(b) | 320(b)/ 320(b)/ 320(b) |
| Fording depth (inches) w/kit | 102 | NA | Swim capability | Swim capability | NA | Swim capability 42/42 | NA | NA/NA/NA |
| w/o kit | 64 | 42 | | | 42/42 | | 42/42 | 42/42/42 |
| Air transportability | *** | *** | *** | *** | *** | *** | *** | *** |
| Reference TM | 9-2320-222 | 9-2350-238 | 9-2300-257 | 9-2350-247 | 9-2300-216 | 9-2350-217 | 9-2350-217 9-2350-303 | 9-2300-216/ 9-2300-216/ 9-2350-304 |

*Fully equipped less payload and crew

**Towed load

***Capable of transport in heavy transport aircraft

TABLE VII SERIES
TARGET ACQUISITION DEVICES

VII-1. Target Acquisition Devices (Radars and Ranging Systems)

Table VII-1. Target Acquisition Devices (Radars and Ranging Systems)

| CHARACTERISTICS | RADARS | | | | | | | | | |
|--------------------------------|--|---------------------------------|---------------------------------|---------------------------------|--|----------------------------|---|--|--|--|
| | MOVIN/ TARGET LOCATING | | | | | RANGING SYSTEMS | | | | |
| | AN/MPQ-4A CMORT | AN/TPS-25A | AN/TTS-58 | *AN/PPS-5 | *AN/TPS-33 | LASER AN/GVS-5 | SOUND | FLASH | | |
| Maximum range (meters) | 10,000 (high) 15,000 (low) | Veh 18,280 Pers 12,000 | Veh 20,000 Pers 120,000 | Veh 10,000 Pers 6,000 | Veh 18,000 Pers 6,000 | 10,060 | Limits of audibility | Limits of visibility | | |
| Coverage | 445 mils | 180 mils | 500 to 2,500 | 20 mils (45 for PPS-5A) | 178 mils | 6,400 mils | 10,000 meters | 10,000 meters | | |
| Accuracy Range Azimuth | 0-50 meters AZ 0-200 mils (high angle) | 0-100 meters | 0 meters | ± 20 meters ± 10 mils | 23 meters or 1/2 of range ± 25 mils | ± 10 meters ± 2 mils | 0-150 meters | 0-50 meters | | |
| Traverse (mils) | 6,400 | 6,400 | 6,400 | 6,400 | 6,400 | 6,400 | NA | NA | | |
| Elevation (mils) | -100 to +200 | ±265 | ±200 | -600 to +400 | ±350 | ±500 | NA | NA | | |
| Emplacement time (min) | 30 to 45 | 15 to 45 | 15 to 30 | 5 to 10 | 15 | 25 | Hasty-up to 120 Deliberate up to 480 | Short--up to 90, Long--up to 360 | | |
| Fording capability (inches) | 30 without fording kit | That of transport vehicle | That of transport vehicle | That of transport vehicle | That of transport vehicle | NA | NA | NA | | |
| Traveling weight (lb) | 6,250 | 2,660 w/ shelter | 4,000 | 98 w/pwr source | 660 (1n case) 320 (man- pack) | 15 | NA | NA | | |
| Air transportability | Externally by CH-47 | Externally by CH-47 | Externally by CH-47 | UH-1 | UH-1 | All types of acft | Internally by CH-47 | Internally by CH-47 | | |

Table VII-1. Target Acquisition Devices (Radars and Ranging Systems) (cont)

| CHARACTERISTICS | RADARS | | | | | | |
|-----------------|---|------------------------|--|------------------------|------------------------|--|---|
| | MOVING TARGET LOCATING | | | | RANGING SYSTEMS | | |
| | AN/MPQ-4A CMORT | AN/TPS-25A | AN/TPS-58 | *AN/PPS-5 | *AN/TPS-33 | LASER AN/GVS-5 | SOUND |
| Capabilities | Loc high-low-angle firing weapons. Register and/or adjust FA. Rdr survey. Locate air del sensors. | Detect moving targets. | Detect moving targets. Predict moving target location. | Detect moving targets. | Detect moving targets. | Locate targets that allow first round FFE. One-sec interval between rangings. 7-power scope. | Loc/adj/reg FA. Battlefield info. Loc nuc bursts. |
| References | FM 6-121 FM 6-161 | FM 6-121 FM 6-162 | TM 11-5840-348-12 | TM 11-5840-298-12 | TM 11-5840-229-15 | NA | FM 6-120 FM 6-121 FM 6-122 |

*Non-FA devices.

TABLE VIII SERIES

CONVERSION TABLES

VIII-1. Conversion Factors

VIII-2. Rapid Rate Conversion Table

VIII-3. Time Distance Conversion Chart

VIII-1

Table VIII-1. Conversion Factors

| MULTIPLY To Obtain | BY | DIVIDE To Obtain |
|-----------------------|--|---|
| <u>Distance</u> | | |
| Inches | 25.4 2.54 0.0254 0.0833 0.0278 | Millimeters Centimeters Meters Feet Yards |
| Feet | 12.0 0.3333 304.8 30.48 0.3048 | Inches Yards Millimeters Centimeters Meters |
| Yards | 3.0 36.0 914.4 91.44 0.9144 | Feet Inches Millimeters Centimeters Meters |
| Statute miles | 5280.0 1760.0 1609.3 1.6093 | Feet Yards Meters Kilometers |
| Nautical miles | 1.1508 1.852 1852.0 6076.0 | Statute miles Kilometers Meters Feet |
| Knots | 1.1508 1.6878 0.5144 | Miles per hour Feet per second Meters per second |
| Kilometers | 1093.6 3280.84 | Yards Feet |
| Miles per hour | 1.4667 0.447 | Feet per second Meters per second |
| Feet per second | 0.3048 | Meters per second |
| <u>Angular</u> | | |
| Degrees | 17.78 | Mils |
| Minutes | 0.296 | Mils |
| Seconds | 0.00494 | Mils |
| <u>Weight</u> | | |
| Ounces | 0.0025 | Pounds |
| Kilograms | 2.205 | Pounds |
| Tons (long) | 2240.0 | Pounds |
| Tons (short) | 2000.0 | Pounds |
| Tons (metric) | 1.1023 | Tons (short) |

Table VIII-1. Conversion Factors (cont)

| MULTIPLY To Obtain | BY | DIVIDE To Obtain |
|-----------------------|---------|---------------------|
| <u>Volume</u> | | |
| Gallons (US liquid) | 3.785 | Liters |
| Cubic inches | 0.01639 | Liters |

Table VIII-2. Rapid Rate Conversion Table.

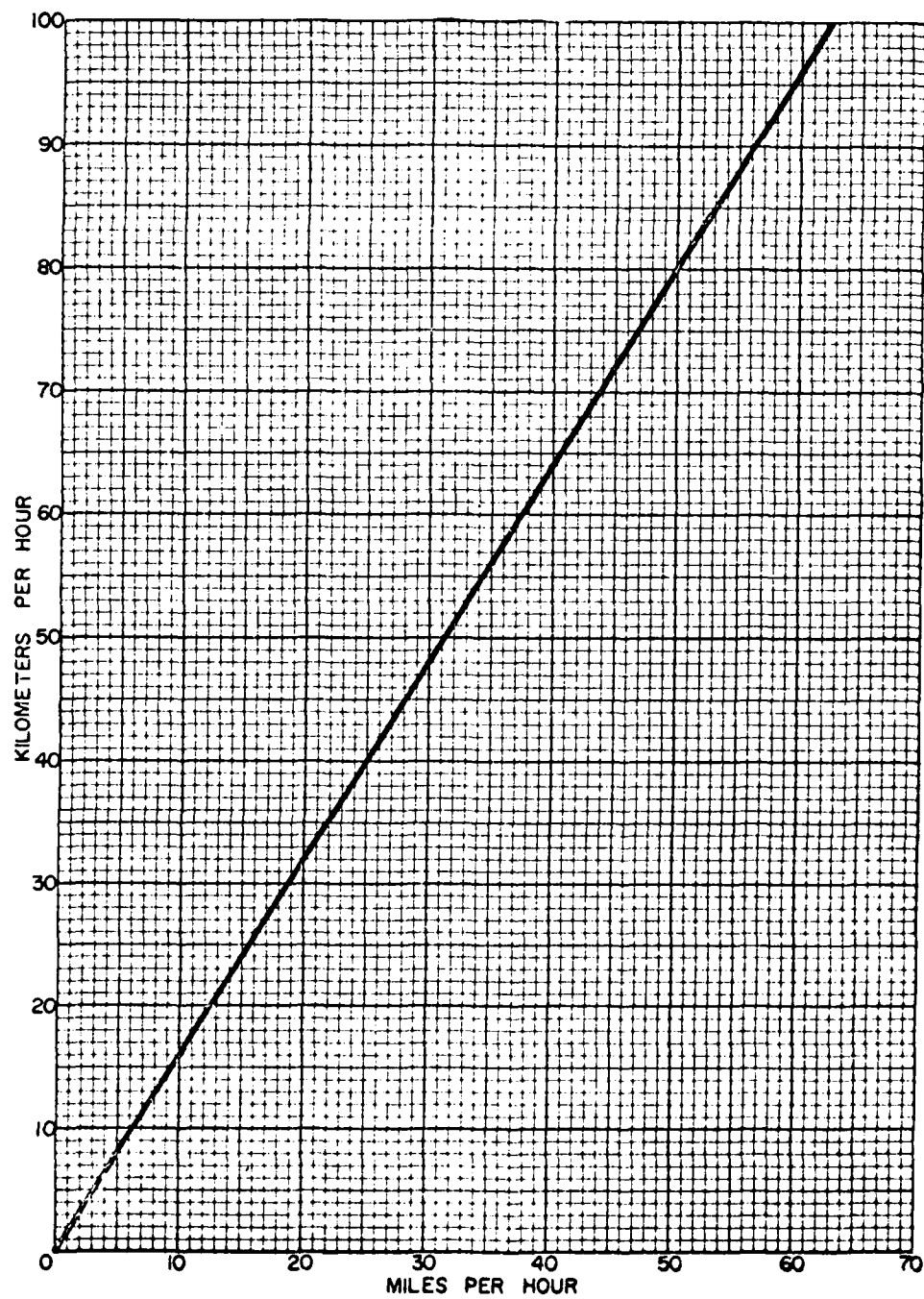


Table VIII-3. Time-Distance Conversion Chart.

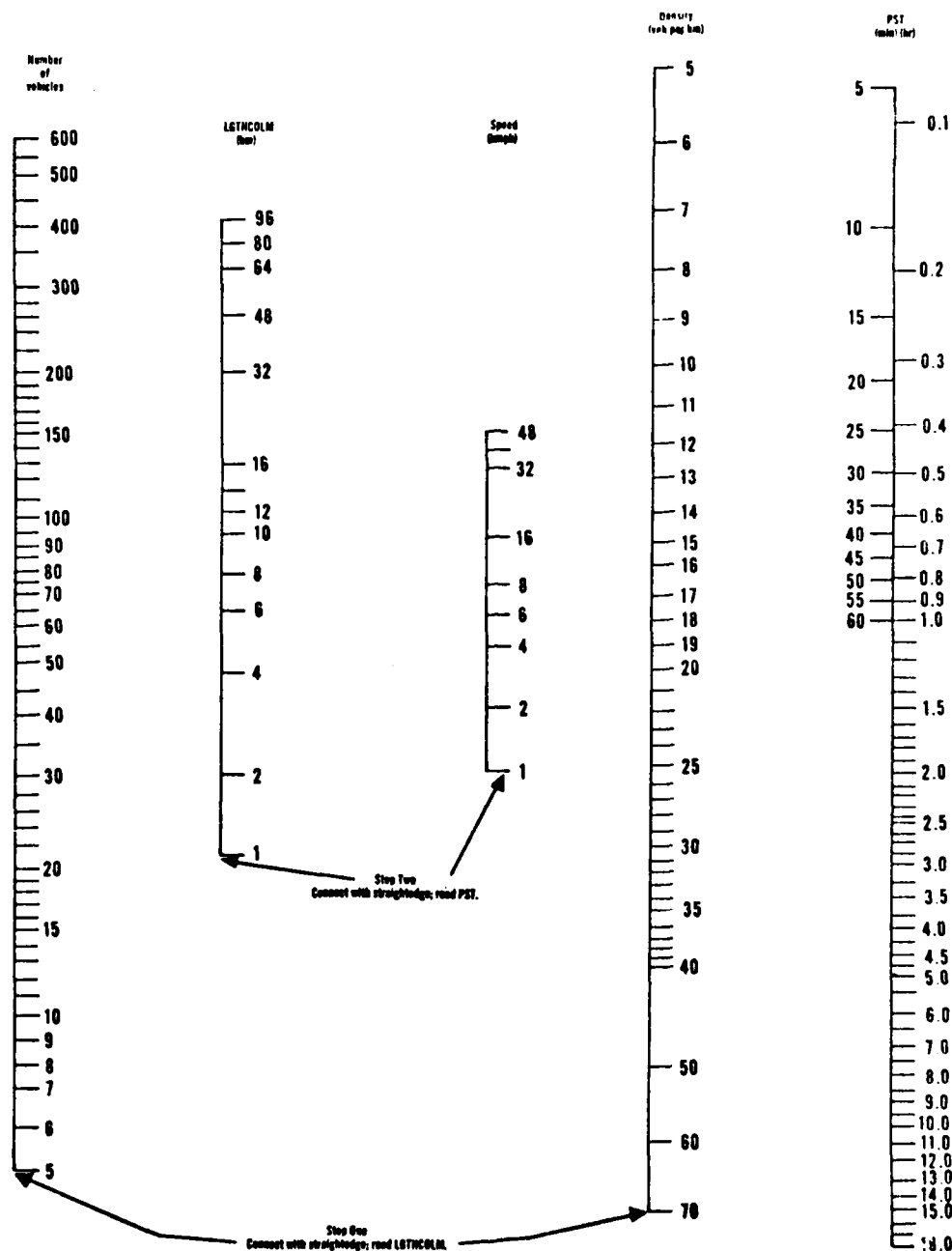
| Miles per hour | Knots | Feet per second | Kilometers per hour | Meters per second |
|-------------------|--------|--------------------|------------------------|----------------------|
| 1 | 0.8684 | 1.4667 | 1.6093 | 0.447 |
| 2 | 1.74 | 2.93 | 3.22 | 0.894 |
| 3 | 2.61 | 4.40 | 4.83 | 1.34 |
| 4 | 3.47 | 5.87 | 6.44 | 1.79 |
| 5 | 4.34 | 7.34 | 8.05 | 2.24 |
| 6 | 5.21 | 8.80 | 9.66 | 2.68 |
| 7 | 6.08 | 10.27 | 11.27 | 3.13 |
| 8 | 6.95 | 11.73 | 12.87 | 3.58 |
| 9 | 7.82 | 13.20 | 14.48 | 4.02 |
| 10 | 8.68 | 14.67 | 16.09 | 4.47 |
| 11 | 9.55 | 16.13 | 17.70 | 4.92 |
| 12 | 10.42 | 17.60 | 19.31 | 5.36 |
| 13 | 11.29 | 19.07 | 20.92 | 5.81 |
| 14 | 12.16 | 20.54 | 22.53 | 6.26 |
| 15 | 13.03 | 22.00 | 24.14 | 6.71 |
| 16 | 13.89 | 23.47 | 25.75 | 7.15 |
| 17 | 14.76 | 24.93 | 27.35 | 7.60 |
| 18 | 15.63 | 26.40 | 28.97 | 8.05 |
| 19 | 16.50 | 27.87 | 30.58 | 8.49 |
| 20 | 17.37 | 29.33 | 32.19 | 8.94 |
| 21 | 18.24 | 30.80 | 33.80 | 9.39 |
| 22 | 19.10 | 32.27 | 35.40 | 9.83 |
| 23 | 19.97 | 33.73 | 37.01 | 10.28 |
| 24 | 20.84 | 35.20 | 38.62 | 10.73 |
| 25 | 21.71 | 36.67 | 40.23 | 11.18 |
| 26 | 22.58 | 38.13 | 41.84 | 11.62 |
| 27 | 23.45 | 39.60 | 43.45 | 12.07 |
| 28 | 24.32 | 41.07 | 45.06 | 12.52 |
| 29 | 25.18 | 42.53 | 46.67 | 12.96 |
| 30 | 26.05 | 44.00 | 48.28 | 13.41 |
| 31 | 26.92 | 45.47 | 49.89 | 13.86 |
| 32 | 27.79 | 46.93 | 51.50 | 14.30 |
| 33 | 28.66 | 48.40 | 53.11 | 14.75 |
| 34 | 29.53 | 49.87 | 54.72 | 15.20 |
| 35 | 30.39 | 51.33 | 56.33 | 15.65 |
| 36 | 31.26 | 52.80 | 57.93 | 16.09 |
| 37 | 32.13 | 54.27 | 59.54 | 16.54 |
| 38 | 33.00 | 55.73 | 61.15 | 16.99 |
| 39 | 33.87 | 57.20 | 62.76 | 17.43 |
| 40 | 34.74 | 58.67 | 64.37 | 17.88 |
| 41 | 35.60 | 60.13 | 65.98 | 18.33 |
| 42 | 36.47 | 61.60 | 67.59 | 18.77 |
| 43 | 37.34 | 63.07 | 69.20 | 19.22 |
| 44 | 38.21 | 64.53 | 70.81 | 19.67 |
| 45 | 39.08 | 66.00 | 72.42 | 20.12 |
| 46 | 39.95 | 67.47 | 74.03 | 20.56 |
| 47 | 40.81 | 68.93 | 75.64 | 21.01 |
| 48 | 41.68 | 70.40 | 77.25 | 21.46 |
| 49 | 42.55 | 71.87 | 78.86 | 21.90 |
| 50 | 43.42 | 73.34 | 80.47 | 22.35 |
| 51 | 44.29 | 74.80 | 82.07 | 22.80 |
| 52 | 45.16 | 76.27 | 83.68 | 23.24 |
| 53 | 46.03 | 77.74 | 85.29 | 23.69 |
| 54 | 46.89 | 79.20 | 86.90 | 24.14 |
| 55 | 47.76 | 80.67 | 88.51 | 24.59 |
| 56 | 48.63 | 82.14 | 90.12 | 25.03 |
| 57 | 49.50 | 83.60 | 91.73 | 25.48 |
| 58 | 50.37 | 85.07 | 93.34 | 25.93 |
| 59 | 51.24 | 86.54 | 94.95 | 26.37 |
| 60 | 52.10 | 88.00 | 96.56 | 26.82 |
| 61 | 52.97 | 89.47 | 98.17 | 27.27 |
| 62 | 53.84 | 90.94 | 99.78 | 27.71 |
| 63 | 54.71 | 92.40 | 101.39 | 28.16 |
| 64 | 55.58 | 93.87 | 103.00 | 28.61 |
| 65 | 56.45 | 95.34 | 104.61 | 29.06 |
| 66 | 57.31 | 96.80 | 106.21 | 29.50 |
| 67 | 58.18 | 98.27 | 107.82 | 29.95 |
| 68 | 59.05 | 99.74 | 109.43 | 30.40 |
| 69 | 59.92 | 101.20 | 111.04 | 30.84 |
| 70 | 60.79 | 102.67 | 112.65 | 31.29 |
| 71 | 61.66 | 104.14 | 114.26 | 31.74 |
| 72 | 62.52 | 105.60 | 115.87 | 32.18 |
| 73 | 63.39 | 107.07 | 117.48 | 32.63 |
| 74 | 64.26 | 108.54 | 119.09 | 33.08 |
| 75 | 65.13 | 110.00 | 120.70 | 33.53 |
| 100 | 86.84 | 146.67 | 160.93 | 44.70 |

TABLE IX SERIES

MARCH FORMULAS

- IX-1. March Column Nomograph
- IX-2. Time-Distance Measurements
- IX-3. Speed Conversions

Table IX-1. March Column Nomograph.



Note. This nomograph shows an average length of column (passing time) under ideal conditions. It does not include an allowance for time gaps between march units. Actual data will vary with conditions. Normal densities (veh per km) are: Close column 48 (16 kmph)

Open column 16 (24 kmph)

Table IX-1. March Column Nomograph (cont)

TO DETERMINE TIME LENGTH OF COLUMN

- STEP 1. Determine the number of vehicles in the column (exclude tlr/towed wps).
- STEP 2. Locate figure on the vertical scale at the left of the nomo marked "NUMBER OF VEHICLES".
- STEP 3. Locate figure showing average density on the vertical scale marked "DENSITY".
- STEP 4. Connect the two points by using a straightedge.
- STEP 5. Read answer at the point at which the straightedge intersects the vertical scale marked "LGTHCOLM".

TO DETERMINE PASSING TIME

- STEP 1. Determine the LGTHCOLM as shown above.
- STEP 2. Locate the figure for speed (kmph) on the vertical scale marked "SPEED".
- STEP 3. Using a straightedge, connect the points located on the LGTHCOLM and SPEED verticals.
- STEP 4. Read the answer at the point at which the straightedge intersects the vertical scale marked "PST".

Table IX-2. Time-Distance (TDIS) Measurements

| DISTANCE km (in 10's) | SINGLE-KILOMETERS | | | | | | | | | |
|---------------------------------|-------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 0 | 0 | 4 | 8 | 11 | 15 | 19 | 23 | 26 | 30 | 34 |
| 10 | 38 | 41 | 45 | 49 | 53 | 56 | 60 | 64 | 68 | 71 |
| 20 | 75 | 79 | 83 | 86 | 90 | 94 | 98 | 101 | 105 | 109 |
| 30 | 113 | 116 | 120 | 124 | 128 | 131 | 135 | 139 | 143 | 146 |
| 40 | 150 | 154 | 158 | 161 | 165 | 169 | 173 | 176 | 180 | 184 |
| 50 | 188 | 191 | 195 | 199 | 203 | 206 | 210 | 214 | 218 | 221 |
| 60 | 225 | 229 | 233 | 236 | 240 | 244 | 248 | 251 | 255 | 259 |
| 70 | 263 | 266 | 270 | 274 | 278 | 281 | 285 | 289 | 293 | 296 |
| 80 | 300 | 304 | 308 | 311 | 315 | 319 | 323 | 326 | 330 | 334 |
| 90 | 338 | 341 | 345 | 349 | 353 | 356 | 360 | 364 | 368 | 371 |
| 100 | 375 | 379 | 383 | 386 | 390 | 394 | 398 | 401 | 405 | 409 |
| 110 | 413 | 416 | 420 | 424 | 428 | 431 | 435 | 439 | 443 | 446 |
| 120 | 450 | 454 | 458 | 461 | 465 | 469 | 473 | 476 | 480 | 484 |
| 130 | 488 | 491 | 495 | 499 | 503 | 506 | 510 | 514 | 518 | 521 |
| 140 | 525 | 529 | 533 | 536 | 540 | 544 | 548 | 551 | 555 | 559 |
| 150 | 563 | 566 | 570 | 574 | 578 | 581 | 585 | 589 | 593 | 596 |
| 160 | 600 | 604 | 608 | 611 | 615 | 619 | 623 | 626 | 630 | 634 |
| 170 | 638 | 641 | 645 | 649 | 653 | 656 | 660 | 664 | 668 | 671 |
| 180 | 675 | 679 | 683 | 686 | 690 | 694 | 698 | 701 | 705 | 709 |
| 190 | 713 | 716 | 720 | 724 | 728 | 731 | 735 | 739 | 743 | 746 |
| 200 | 750 | 754 | 758 | 761 | 765 | 769 | 773 | 776 | 780 | 784 |

Note. Measurements of time in minutes shown above are based on close column speeds. For an open column, use two-thirds of the time read above.

Sample Problem. Determine the time-distance (in minutes) required for vehicle to travel between two points (a distance of 125-km) at close column speed.

- STEP 1. From the left column, select the line corresponding to 120 km.
- STEP 2. Move right to the column headed 5 (120 plus 5).
- STEP 3. Read the answer (469 minutes) directly from the table.

Table IX-3. Speed Conversions (Approximate)

| Miles per hour | Knots | Feet per second | Kilometers per hour | Meters per second |
|----------------|--------|-----------------|---------------------|-------------------|
| 1 | 0.8684 | 1.4667 | 1.6093 | 0.447 |
| 2 | 1.74 | 2.94 | 3.23 | 0.897 |
| 3 | 2.59 | 4.41 | 4.83 | 1.34 |
| 4 | 3.46 | 5.90 | 6.45 | 1.78 |
| 5 | 4.34 | 7.33 | 8.05 | 2.23 |
| 6 | 5.20 | 8.80 | 9.65 | 2.68 |
| 7 | 6.07 | 10.30 | 11.30 | 3.13 |
| 8 | 6.95 | 11.80 | 12.90 | 3.58 |
| 9 | 7.71 | 13.22 | 14.50 | 4.03 |
| 10 | 8.68 | 14.67 | 16.09 | 4.47 |
| 20 | 17.40 | 29.30 | 32.20 | 8.95 |
| 30 | 26.00 | 44.20 | 48.30 | 13.40 |
| 40 | 34.60 | 58.80 | 64.50 | 17.83 |
| 50 | 43.50 | 73.80 | 80.50 | 22.30 |
| 60 | 52.00 | 88.10 | 96.70 | 26.80 |
| 70 | 60.70 | 103.00 | 113.00 | 31.30 |

TABLE X

GLOSSARY

X-1. PURPOSE

The purpose of this glossary is to define terms (abbreviations) that are not now included in a military dictionary or list of official brevity codes (abbreviations) but are in use in USAFAS instructions.

X-2. GLOSSARY

-A-

AIRSPACE COORDINATION AREA (ACA). In fire support operations, a safety measure which establishes a three-dimensional area (corridor/lane) that is reasonably safe from friendly surface delivered non-nuclear fires.

AIRSPACE MANAGEMENT ELEMENT (AME). A functional component of Army elements within corps and division TOC's involved with coordination, integration, and regulated use of Army airspace users and with other users.

AFSCoord. Assistant fire support coordinator.

-B-

BATTERY OPERATIONS CENTER (BOC). In field artillery operations, a facility established to serve as an alternate fire direction center and as the battery command post.

-C-

COLLATERAL DAMAGE (CD). In nuclear operations, undesirable civilian personnel injuries or materiel damage produced by the effects of firing nuclear weapons.

CLGP. Cannon launched guided projectile (now known as COPPERHEAD).

COORDINATED FIRE LINE (CFL). A line beyond which conventional surface fire support means (mortars, FA, and naval gunfire ships) may fire at any time within the zone of the establishing headquarters without additional coordination.

CORPS ARTILLERY (CORPSARTY). This organization consists of the corps field artillery section (FAS), field artillery brigade headquarters and headquarters batteries and field artillery units assigned or attached to the corps and not further attached or assigned to a subordinate maneuver unit.

COUNTERFIRE (CF). Fire intended to destroy or neutralize enemy weapons. Includes counter-bombardment (counterbattery) and countermortar fires.

CSR. Controlled supply rate (ammunition) - formerly ASR.

-D-

DIVISION ARTILLERY (DIVARTY). Field artillery that is permanently an integral part of a division. For tactical purposes, all FA placed under the command of a division commander is considered division artillery.

DEDICATED BATTERY (DB). In field artillery operations, a cannon battery whose total fire power is immediately available to suppress enemy direct fire weapons which threaten a designated maneuver company/team.

AD-A124 186

FIELD ARTILLERY REFERENCE DATA(U) ARMY FIELD ARTILLERY
SCHOOL FORT SILL OK JAN 80 SBI-AD-F400 002

4/4

UNCLASSIFIED

F/G 19/1 NL

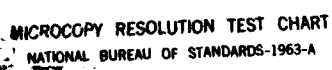


END

FILMED

1

DTIC



MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

-F-

FIRING BATTERY (FB). An element of a field artillery cannon battery.

FIELD ARTILLERY OBSERVER (FAO). A person who watches the effects of fires, adjusts the mean point of impact of those fires onto a target, reporting results to the firing agency.

FIRE SUPPORT COORDINATION (FSC). The planning and executing of fire support so that targets are adequately covered by a suitable weapon or group of weapons.

FIRE SUPPORT TEAM (FIST). In fire support operations, a team comprised of a team chief (FA officer) and the necessary additional personnel and equipment required to request, coordinate, and direct fire support efforts for company sized units.

FS. Fire support.

FIRE SUPPORT COORDINATION LINE (FSCL). A line beyond which all targets may be attacked by any weapon system (including aircraft and special weapons) without endangering troops or requiring additional coordination with the establishing headquarters.

FIRE SUPPORT OFFICER (FSO). In fire support operations, this officer is a full-time coordinator of all fire support.

FAS. Field artillery section (corps).

FAAO. Field artillery air observer.

-G-

GMET. Graphical munitions effects table.

-H-

H&I. Harassing and interdiction (fires).

-I-

IMMEDIATE SUPPRESSIVE FIRE (ISF). In combined arms operations, field artillery fires required when the enemy has fired from or has been seen and can fire from a given location when direct fire weapons and supporting indirect fire weapons must respond immediately.

-J-

JMEM. Joint munitions effects manuals.

-M-

MORTREP. Mortaring report.

MFSE. Main fire support element.

-N-

NO FIRE AREA (NFA). In fire support operations, a designated area into which neither fires nor effects from fires will occur. Two exceptions include:

1. When the establishing headquarters approves (temporarily) within the NFA on a mission basis.
2. When an enemy force within the NFA engages a friendly force, the commander may engage the enemy to defend his force.

-0-

OFFSET REGISTRATION (OR). In field artillery operations, registering from a supplementary position.

-P-

PFO. Platoon forward observer.

-R-

R. Reinforcing.

RPV. Remotely piloted vehicle.

-S-

SUPPRESSIVE FIRES (SF). In fire support operations, fires, direct and indirect, brought to bear on known or likely locations to degrade the enemy's ability to place effective fires on friendly maneuver elements.

SUPPRESSION OF ENEMY AIR DEFENSES (SEAD). In fire support operations, fires used to suppress enemy air defenses while friendly aircraft operate in an area.

-T-

TACTICAL OPERATIONS CENTER (TOC) - FA. A facility within which are merged targeting, operations, and fire control for field artillery support operations.

TFSE. Tactical fire support element.

TAS. Tactical air support.

TABLE XI
REFERENCE FIELD MANUALS

XI-1. GENERAL

This table is devoted to a listing of those field manuals most commonly used in fire support operations by the field artilleryman.

XI-2. FIELD MANUALS

| | |
|------------------|--|
| FM 101-5 | Command and Control of Combat Operations |
| FM 100-50 | Nuclear Unit Operations in Combat |
| FM 101-31 series | Nuclear Weapons Employment Doctrine/Procedures |
| FM 100-15 | Larger Unit Operations |
| FM 100-5 | Operations |
| FM 90-13 | River Crossing Operations |
| FM 90-11 | Northern Operations |
| FM 90-10 | Military Operations in Urban Terrain (MOUT) |
| FM 90-8 | Counter guerrilla Operations |
| FM 90-7 | Barrier Operations |
| FM 90-6 | Mountain Operations |
| FM 90-5 | Jungle Operations |
| FM 90-4 | Airmobile Operations |
| FM 90-3 | Desert Training |
| FM 90-2 | Tactical Operations |
| FM 71-102 | Infantry/Airborne Division Operations |
| FM 71-101 | Air Assault Division Operations |
| FM 71-100 | Armored/Mechanized Division Operations |
| FM 71-2 | The Tank/Mechanized Battalion Task Force |
| FM 71-1 | The Tank/Mechanized Infantry Company Team |
| FM 17-95 | Cavalry |
| FM 17-50 | Attack Helicopter Operations |
| FM 17-47 | ACCB |
| FM 7-85 | Ranger Battalion |
| FM 7-20 | The Infantry Battalion |
| FM 7-10 | The Infantry Company |
| FM 7-8 | The Light Infantry Platoon/Squad |
| FM 6-121 | FA Target Acquisition |
| FM 6-50 | FA Cannon Battery |
| (C) FM 6-42 | FA Battalion, Lance (U) |
| FM 6-40 | FA Cannon Gunnery |
| (S) FM 6-39 | Pershing Organization (U) |
| FM 6-20 | Fire Support in Combined Arms Operations |
| FM 6-20-1 | FA Cannon Battalion |
| FM 6-20-2 | Div Arty, FA Bde, and FA Section (FAS) Corps |
| FM 6-10 | FA Communications |
| FM 6-2 | FA Survey |
| FM 5-26 | Employment of ADM |
| FM 5-20 | Camouflage |
| FM 5-15 | Field Fortifications |
| FM 3-10 | Employment of Chemical Agents |
| FM 1-100 | Army Aviation |
| FM 1-80 | Aerial Observer Techniques/Procedures |

TABLE XII
FA SYMBOLS

XII-1. GENERAL

a. Sample symbols for FA units/weapons are described in detail in FM 21-30, Military Symbols.

b. Some of the more commonly used FA symbols are shown hereafter.

XII-2. FA SYMBOLS

a. Basic unit/installation symbols.



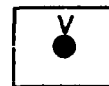
FA unit



FA unit, airborne



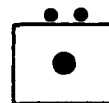
Hq FA unit



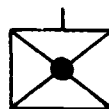
FA unit, airmobile



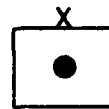
FA OP



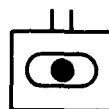
FA Section



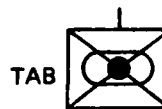
FA battery, inf org



FA brigade



FA battalion, armd org



Tgt acq battery, mech org
division

b. FA weapon symbols.

Basic FA cannon (light)



Medium FA cannon



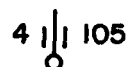
Tracked SP medium howitzer



Heavy missile/rocket



Four 105mm howitzers



Heavy howitzer



Medium surface-to-surface missile (SSM)
launch site



Battery of 155mm howitzers

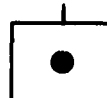


TABLE XIII
FIELD ARTILLERY ARTEP's

XIII-1. GENERAL

The field artillery currently has some ARTEP's which are published while others are under development.

XIII-2. PUBLISHED ARTEP's

| | |
|--------------|--|
| ARTEP 6-105 | FA 105mm Howitzer, Towed, Infantry/Airmobile/Airborne Division and Separate Brigades |
| *ARTEP 6-165 | General Support Units |
| ARTEP 6-307 | Target Acquisition Battery (TAB) |
| *ARTEP 6-365 | FA 155mm SP, Direct Support Units |
| ARTEP 6-595 | Lance |

*Indicates with Change 1.

XIII-3. UNDER DEVELOPMENT

| | |
|-------------|----------------------|
| ARTEP 6-302 | Hq/Hq Btry, Div Arty |
| ARTEP 6-401 | Hq/Hq Btry FA Bde |
| ARTEP 6-615 | Pershing |

L 278 Army-Fort Sill, Okla.